



## THUNDERBOLT MARINE INC.

### MARINE ELECTRICIAN

**Thunderbolt Marine, Inc. (TMI)** is a privately held company located on the Wilmington River and adjacent to the historic City of Savannah, Georgia. TMI has provided repair and refit services for a wide range of commercial and recreational vessels for more than 50 years from our 25 acre site in The Town of Thunderbolt. Our talented craftsmen work on a wide range of vessels from 50 to 225 feet, offering a full array of maintenance and repair services for our customers. We are always interested in having a conversation with tradesmen who take pride in their craft and require an opportunity to showcase their skills with an industry leading yacht repair facility.

#### **Job Description**

The **Marine Electrician** will be responsible for testing, maintaining, repairing and installing marine electrical components primarily on AC / DC electrical systems in yachts and commercial vessels. Under general supervision, you will plan wire runs, pull wire, terminate wires at panels and electrically connect components. This position requires a thorough understanding of electrical/electronic and mechanical theories and principles; as well as, installation standards and practices. Marine electricians routinely install and connect required equipment in accordance with provided work order specifications, references, drawings and standards. The marine electrician should be skilled at examining electrical system wiring circuits, equipment, motors and fixtures, performing tests using a multi-meter or other diagnostic equipment to determine the reason(s) for the fault. Ideally, this will include the technician providing recommendations to the department foreman on restoring equipment to normal operation. In this role, you will be expected to provide high levels of customer satisfaction while completing assigned work to meet departmental and other relevant standards.

#### ***Successful candidates shall be well-skilled in the following areas at time of acceptance of employment:***

- ⌘ Able to install boat cable on bulkheads with brackets and screws, using hand tools, pulling wires through cable trays to terminal strips in junction boxes, to circuit breakers, to voltage regulators and to distribution switch panels.
- ⌘ Stripping insulation from wire ends and making terminal connections of all types, if any, using stripping pliers and swaging tools. Then, making the electrical connections to the intended device.
- ⌘ Testing of electrical characteristics, for example, voltage, resistance, and phase angle, in circuits, using voltmeters, ohmmeters, and phase rotation indicators.

- ⌘ Troubleshooting electrical equipment and circuits using appropriate test equipment to detect and affect required maintenance, repairs, or replacement requirements.
- ⌘ Conducting resistance measurements of electrical cables where necessary to determine condition and effecting repairs or replacements as required.

### **Required Experience / Education**

- ⌘ Minimum 5 years of industry experience in electrical, ideally within the marine environment.
- ⌘ Possess a thorough understanding of AC or DC circuit operation and theory.
- ⌘ Skilled at troubleshooting, diagnostics and completing repairs for system malfunctions.
- ⌘ An ability to utilize all functions of a multi-meter.
- ⌘ Capable of testing circuits for voltage, continuity and amp draw.
- ⌘ Understanding and ability to connect isolation transformers and galvanic isolators.
- ⌘ Understanding of proper wire and circuit overcurrent protection sizing and where to reference these standards.
- ⌘ Strong ability to be reliable and work well with all levels of personnel whether individually or in a team environment.
- ⌘ High school or general equivalency degree (GED) required.
- ⌘ Advanced marine electrical coursework and/or ABYC certifications.

### **Required Skills**

- ⌘ Ability to take directions and follow instructions.
- ⌘ Ability to work a variety of assignments and locations on a daily basis.
- ⌘ Ability to read and interpret a variety of documents furnished in written, oral, diagram or schedule form such as safety rules, operating and maintenance instructions, and procedural manuals.
- ⌘ Ability to explain technical information to technical and non-technical people.
- ⌘ Commonly meets schedule and budget for projects, inclusive of working overtime when necessary.
- ⌘ Ability to perform work accurately, thoroughly and be attentive to details.
- ⌘ Understands yacht and ship terminology, local and industry, e.g., port/starboard, bow/stern, etc. and can easily convey information in a common vernacular understood by other industry professionals.
- ⌘ Able to complete all calibration and documentation associated with testing and repairs, including ability to write CFR's, reports and correspondence.
- ⌘ Conducts extensive self-study to improve and maintain technical proficiency and completes certifications as required by the company.

### **General Requirements**

- ⌘ Possesses basic hand tools, multimeter, stripper, crimper, mini-torch (Harry add tool essentials) necessary for the trade.
- ⌘ Basic computer skills and the ability to add, subtract, multiply and divide all units of measure, using whole numbers, common fractions and decimals.
- ⌘ The ability to write condition found reports on boats, prepare estimates and plan projects through to completion is highly desired.
- ⌘ Must have an excellent work ethic and attitude.
- ⌘ Follow prescribed safety rules and OSHA regulations while maintaining a safe, clean work area.
- ⌘ Must possess the ability to periodically board vessels in and out of the water, work steadily in confined spaces, climb, lift and move batteries, tools and supplies as necessary.
- ⌘ Must be authorized to work in the United States on a full-time basis for any employers.
- ⌘ Must be able to pass a drug test and background check.

### **Interpersonal & Service Skills**

- ⌘ Teamwork - the ability to work as one across our organization for the benefit of our customers.
- ⌘ Excellence - strives to be the best, continuously improving our customers' experience and the solutions we provide.
- ⌘ Sense of Urgency - responds quickly to customer needs and holds oneself accountable for results.

- ⌘ Problem Sensitivity - the ability to tell when something is wrong or is likely to go wrong. It does not involve solving the problem, only recognizing there is a problem.
- ⌘ Tendency to display endurance and capacity for a fast pace.
- ⌘ Ability to manage multiple priorities and projects simultaneously
- ⌘ Follows policies, accepts external controls and supervision while working within the rules.
- ⌘ Possess a positive attitude regarding people and outcomes.
- ⌘ Tendency to be friendly, cooperative, agreeable and conduct oneself as a team player.
- ⌘ Ability to easily adapt to changes in organizational and departmental priorities.
- ⌘ Knows limitations and when to ask for assistance.

### **Other Duties**

Please note this job description is not designed to cover or contain a comprehensive listing of activities, duties, or responsibilities that are required of the employee for this job. Duties, responsibilities, and activities may change at any time or without notice.

### **Physical Requirements:**

Applicants may be subject to environmental conditions such as cold, heat, exposure to noise, hazards, and confined spaces/close quarters. Applicants must be aware of the work environment at all times. 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. While performing the duties of this job, the employee is regularly required to lift, stand, walk, kneel, crouch, stoop, use hands and fingers, handle tools or controls, and talk.

### **Compensation**

Starting pay is dependent upon candidate experience. Benefits after 30 days.  
401K and Profit sharing after 12 months of employment. Standard workweek is 40 hours / week.

### **Benefits**

- ⌘ 401K
- ⌘ Profit Sharing
- ⌘ Health Insurance
- ⌘ Dental Insurance
- ⌘ Vision Insurance
- ⌘ Life Insurance
- ⌘ Paid Time Off / Vacation Days

### **Schedule**

Monday to Friday  
Overtime & Weekends as necessary

### **Position Type**

Full Time / Hourly

### **EEO Statement:**

Thunderbolt Marine, Inc. is an equal opportunity employer. All applicants will be provided equal consideration without regard to race, color, religion, national origin, age, genetic information, military status, gender, sexual orientation, gender identity or expression, disability, or protected veteran status in accordance with applicable federal, state and local laws.

**Thunderbolt Marine Inc**

**3124 River Drive**

**Thunderbolt GA 31404**

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