



## Metal Shark Boats: Marine Electrician

Metal Shark is a leading shipbuilder specializing in the design and production of boats and ships for military, law enforcement, fire rescue, and a wide spectrum of commercial applications. At three fully self-contained facilities in Alabama and Louisiana, Metal Shark manufactures vessels in aluminum, steel, and fiberglass, with current capabilities supporting production for vessels up to 300' in length.

### Description

Metal Shark Boats is seeking a QMED electrician/electronics engineer to work aboard and ashore with Metal Shark Boats.

As an Assistant Engineer at Metal Shark Boats, you will play a vital role in supporting the safe and efficient operation of the various vessel's engineering systems. Working closely with the engineering team, you will contribute to the maintenance, repair, and operation of propulsion, power generation, and auxiliary systems essential for the vessel's functionality.

### Key Responsibilities:

1. **Engine Room Operations:** Assist in the operation and monitoring of propulsion machinery, including main engines, generators, and auxiliary systems, to ensure optimal performance.
2. **Maintenance and Repair:** Participate in planned maintenance activities, routine inspections, and troubleshooting of machinery and equipment to identify and rectify issues promptly.
3. **Watchkeeping:** Stand engine room watch as per duty roster, monitoring machinery parameters, responding to alarms, and implementing corrective actions as required to maintain safety and operational readiness.
4. **Safety Compliance:** Adhere to all safety procedures, regulations, and industry standards, ensuring compliance with company policies and international maritime regulations.
5. **Inventory Management:** Assist in the inventory management of spare parts, tools, and consumables, maintaining adequate stock levels and ensuring proper documentation of inventory transactions.
6. **Emergency Response:** Actively participate in emergency drills and response procedures, demonstrating proficiency in firefighting, damage control, and other emergency protocols.
7. **Documentation and Reporting:** Maintain accurate records of maintenance activities, equipment performance, and fuel consumption, preparing reports and logs as required by company procedures and regulatory authorities.
8. **Team Collaboration:** Work collaboratively with the engineering team, deck officers, and other crew members to achieve operational objectives and promote a culture of teamwork and professionalism onboard.

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Author: Scott Sinclair  
Approved by: Jason Marshall



## Requirements

1. The Marine Electrician shall have a USCG endorsement as a Qualified Member of the Engineering Department (QMED) - electrician/refrigerating engineer.
2. The Marine Electrician shall have at least two (2) years minimum work experience as a marine electrician.
3. The Marine Electrician shall be experienced in the installation of electrical devices and wiring aboard commercial or military vessels.
4. The Marine Electrician shall have experience with USCG and the ABS rules for electrical practice and be qualified in the repair and maintenance of marine electrical power generating and distribution systems, voltage regulators, including but not limited to motor controllers, engine controllers, electronic components, winches, gyrocompasses, generators, alternators, intercommunication systems, switching boards, heating and air conditioning, circuit breakers, and lighting and alarm circuits.
5. Must be able to work collegially with scientists, natural resource managers, and educators.
6. Must be able to pass a drug screening and background check.
7. Must maintain a U.S. passport as well as have a valid US state issued driver's license.
8. Travel international and domestic is required for this position.
9. Qualified applicates must hold an active TWIC.

**Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

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