

Senesco Marine Electrical Coordinator All Vessels

Department

Project Management

Reporting to

Vice President of Operations

Summary Statement

The Electrical Coordinator must have a broad knowledge of vessel machinery, equipment, engineering systems and electronics. He/she must have a broad knowledge of electrical circuits, must be able to troubleshoot machinery/systems, maintain and repair electrical circuits, be computer savvy, and be able to read and understand schematics and technical equipment information. He/she must have an understanding of Classification Society/U.S. Coast Guard rules and documents and an overall understanding of the inspection process. He/she must comply with all safety procedures and guidelines and comply with all company issued policies, procedures, rules and regulations. He/she must also have excellent work ethic including excellent attendance, punctuality and the desire to complete designated work in a timely fashion.

Education/Experience/Responsibilities

- Education: BSEE or bachelor's degree in marine engineering, mechanical engineering or closely related to ship design field.
- Must have at least 5+ years experience in building and electrical design and installation of machinery systems and electrical circuitry onboard marine vessels.
- Must have knowledge and ability to work with up to 480/3 phase and 12/24 VDC.
- Must have the ability to read and understand blueprints and assembly drawings.
- Must have the ability to update/create drawings using AutoCAD (3D experience preferred). Drawings to include equipment arrangement drawings, cable pull list and schedule of penetrations for new build vessels.
- Must be able to Support all the project managers with any questions and concerns regarding electrical and machinery.
- Must be able to maintain and update one line drawing and electrical schematics including review and comment on Load Analysis variations.
- Must be able to design and develop integration schematics from various vendor interpreted drawings to ensure a smooth installation.
- Must be detail oriented and have excellent follow-up skills.
- Must be an excellent communicator, both written and oral, and have the ability to identify and report any and all problems and discrepancies to your direct manager and request assistance if necessary.

Physical Demands

- The employee must have correctable vision to **20/40**, however contact lenses are not permitted in certain production area positions.
- The employee must pass the Ishihara test for color blindness and have the ability to read and understand safety symbols and colors, (i.e. red, yellow, green, etc.).
- The employee must pass a pulmonary function exam for positions requiring respiratory protection.
- The employee must be able to stand, sit, walk, squat, kneel, stoop, or climb stairs or a ladder.
- The employee must not be claustrophobic and may be required to work in confined spaces.
- The employee must be able to carry tools and or equipment to their designated work area. They could include but are not limited to the tools associated with their trade, or others as designated by their responsibilities. The approximate weight could be as much as 75 pounds.

Work Demands

- The employee is required to wear personal protective equipment (PPE) including but not limited to respirator, hardhat, face shield, safety goggles, safety shoes (steel toe), safety harness, gloves or other protective clothing as determined by a Senesco Marine Job Hazard Analysis.
- The employee must report all accidents or injuries to their supervisor and the Environmental Safety and Health Department.
- The employee must report to their supervisor any and all damages to equipment, or broken and misused tools.
- The employee may be working in several different areas and environments; this includes work inside and outside of buildings or structures.
- The employee needs to work at a pace consistent with meeting company deadlines.