



Company: Vard Electro Canada
Address: Suite 180, 2930 Virtual Way
Vancouver, BC V5M 0A5

VARD is a global designer and shipbuilder of many vessel types with shipyards and subsidiary offices located throughout the world. Within the VARD Group, Vard Electro is a leading system integrator delivering turnkey electrical systems and solutions for the global maritime industry. It offers a comprehensive set of services that cover the entire lifecycle of a vessel, from engineering through installation, integration testing and commissioning, to remote diagnostics, conversions and on-going field services to support operations and maintenance.

Are you looking for interesting, exciting, meaningful and challenging work? Are you agile and adaptable in your knowledge and skills? Then VARD Electro Canada is looking for you. We are seeking motivated, dedicated, brilliant people to help grow our Canada business. Versatile people who can look beyond their job titles to make a difference.

Position: Electrical Integration Engineering Specialist (>8 years of experience)

Reports to: Engineering Manager / Project Manager

Location: Greater Vancouver area

Terms of Employment: Permanent, Full-time

Language of work: English

Salary Range: \$90K - \$130K CAD

Benefits: Extended Health, Medical, Dental, RRSP, Relocation Benefits (as required)

Responsibilities and duties include:

- Review and develop concept and detail design of ship electrical and control systems,
- Review and develop equipment and installation specifications
- Review and develop testing, commissioning procedures
- Perform installation audits and assessments during build, commissioning, HAT and SAT
- Conduct and participate in FMEA
- Review and technical evaluation of bids
- Review supplier documents and comment
- Prepare equipment approval packages for Class approvals
- Supervise engineers and designers including training, mentoring and assigning tasks
- Prepare capital and engineering cost estimates
- Perform design checks and reviews to meet quality control and assurance requirements
- Liaise with clients and build trusting relationships

Qualifications:



- Bachelor's degree in Electrical Engineering or similar
- Greater than 8 years of experience in shipbuilding industry
- Experienced with electrical and control systems on ships including generators, power distribution, switchboards, breakers, motor controls, variable speed drives, passive and active harmonic filters, EMC management, fire protection, public address, lighting, cable management, data networks
- Knowledge of Classification society rules and regulations, international electrical standards, equipment survivability conditions
- Experienced with equipment FAT, FMEA, audits, ship commissioning, HAT, SAT
- Previous leadership or supervisory role
- Training of staff
- Fluent in written and verbal English with excellent communication and technical writing skills
- Experienced in proposal wiring and development
- Experienced in physical layout design of equipment, tray, lighting, instruments, fire protection, controls
- Experienced in design of cable block, wiring and termination diagrams, cable schedules, motor and control schematics, electrical drive systems, panel layout and schedules
- Meet requirements for Canadian Controlled Goods Program (CGP) and Canadian Government security clearance
- Integration of ship-specific equipment such as PMS, SCMS (IAS, IPMS), diesel power generation, electric propulsion systems, dynamic positioning
- Material take-offs, data sheets

Please include VEC1812 Application in subject line. Only successful applicants will be notified.

Contact Information:

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