

Long Posting

June 14, 2023

Electronic System Technician Nanaimo

Regular HS NA23-085 Electronic System Technician

**** Please apply on ESS if you meet the qualifications below ****

POSTED:	14-JUN-2023	CONTACT:	Azmal Karim
CLOSES:	20-JUN-2023	PHONE:	604-948-3590

DESCRIPTION:

Maintains, troubleshoots and repairs automated shipboard electrical systems, including power-generation distribution and propulsion systems, low voltage and medium voltage systems. Maintains, trouble shoots and repairs automated instrumentation and control systems, including alarm and monitoring systems. Troubleshoots electrical and control failures on low and medium voltage shipboard electrical systems.

JOB DUTIES:

- Inspects, maintains and repairs a wide variety of highly computerized shipboard electronic and electrical equipment, tracing system faults; and diagnosing and replacing parts and components;
- Troubleshoots emergency and non-emergency electronic and electrical system failures to restore ship operations;
- Designs, modifies, and installs electrical systems; revises schematics and drawings for ship electronic and electrical systems; and documents changes;
- Tests, measures and calibrates alarm, engine safety and control system sensors using precision instruments; programs parameter changes on ship system computers; and records readings;
- Troubleshoots and plans for future maintenance requirements; and analyzes maintenance information and suggests modifications to maximize safety and minimize machinery failure and cost;
- Orders and maintains an inventory of spare parts and equipment; and ensures availability for replacement during service calls;
- Liaises with Operational Staff in the course of undertaking tasks related to the position;
- Familiarizes shipboard crew on electric equipment and operation of electronic systems;
- Performs additional duties including communicating with suppliers and vendors regarding parts and equipment, and with Canadian Coast Guard regarding regulations;
- Assists Fleet Engineering and project management as required;
- Provides orientation, guidance and informal training to new hires and casuals;
- Other related duties as may be assigned from time to time.

QUALIFICATIONS:

Education:

- BC or inter-provincial Electrical TQ

Knowledge, Skills & Abilities:

- Extensive knowledge of WCB regulations and safe working practices
- Comprehensive technical knowledge of all shipboard electrical and electronic systems
- Demonstrated ability to diagnose complex problems and maintain and support all shipboard electrical and electronic systems
- Ability to familiarize others on electronic and electrical systems
- Ability to identify and prioritize work requirements
- Strong communication skills, both verbal and written

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- Ability to clearly and accurately convey technical information through sketches and drawings
- Ability to access, research, analyze, interpret and retrieve computerized information required to perform the job
- Ability to accurately record information in a concise, complete, and legible manner
- Strong team orientation
- High level of self-motivation and initiative
- Ability to work well under pressure
- Ability to establish and maintain cooperative working relationships

Experience:

- One year experience as an electrician in a marine environment
- Medium Voltage experience
- Diesel Electric experience
- Familiarity with ship specific propulsion control systems

Other:

- Valid driver's license
- Must hold, or be eligible to possess a valid passport
- Moderate travel throughout the operation is required

WHERE/HOW TO APPLY:

Please apply on ESS if you meet the qualifications of this position.