

PORT AUTHORITY OF TRINIDAD AND TOBAGO



VACANCY: ELECTRONIC ENGINEER

Job Summary

The Electronic Engineer reports directly to the Divisional Manager Equipment. The incumbent will be required to provide technical and administrative management for all maintenance and repair work on the electronics, controls and associated systems of cargo-handling and related plant and equipment to ensure reliable operations through the allocation of duties to the Technicians. The incumbent is also responsible for the direction and execution of planned maintenance, remedial and upgrade work on electronic control systems, driver and other electronic systems.

Responsibilities

- Supervises, organizes and directs the activities of planned maintenance and repair of electronics, control systems and related systems of cargo handling and related equipment.
- Provides technical expertise and guidance on electronic engineering matters throughout PATT.
- Monitors control systems performance trends and develop plans to improve equipment reliability and safety.
- Provides guidance on re-calibration of control systems to ensure that the performance standards as designed by the Original Equipment Manufacturer is maintained.
- Ensures full compliance with Technical Standards / Procedures for new and changes to automation and control designs.
- Reviews performance of control systems designed to mitigate risks identified from risk management studies Process Hazards Analysis (PHA).
- Formulates and develops troubleshooting and diagnostic procedures to help simplify and speed maintenance problem solving and performance of repairs.
- Maintains physical systems for updating and storing software / load files, software updates, backup copies, network addresses, PLC laptop tools, remote access systems for faster diagnostics and repairs.
- Ensures proper operational awareness and technical assurance from Project Engineering and other technical groups.
- Conducts staff training as well recommend ongoing development of Electrical/ Electronic Technicians, Electricians and other artisans to ensure their ability to be efficient to execute their duties.
- Performs other related duties as assigned by superior.

Minimum Requirements

Qualification/ Experience and Training:

- First Degree or equivalent qualification in the field of Electronic Engineering or Electrical and Computer Engineering.
- Minimum of five (5) years' experience in the maintenance of electrical/electronic systems.
- Minimum of five (5) years of progressive responsibility in quay crane maintenance and repair including specific knowledge of electrical, electronic, mechanical and related subjects for Ship to Shore Gantry Cranes, Rubber Tyre Gantry Cranes, Mobile Cranes and Spreaders.
- Knowledge in Programmable Logic Controls (PLCs), drive control system and overall container terminal cranes control and mechanical system. Experience with Siemens, ABB or GE systems would be preferred.
- Knowledge of industry trends in RCM Maintenance, clean energy and automation in the Port industry.
- Ability to communicate effectively both orally and in writing, to prepare reports and make recommendations on matters within the Engineer's portfolio.
- Excellent project management skills.
- Proficiency in the Microsoft Office Suite, CMMS software systems.
- Requires exceptional time management due to the fast-moving and demanding work environment.
- Ability to work at heights

Applications along with copies of certificates (10Mbs Limit) should be submitted no later than 4.00 p.m. on 2022 May 05 and addressed to:

**Executive Human Resource Manager
Re: Electronic Engineer
Port Authority of Trinidad and Tobago
Administration Building
Dock Road
Port of Spain.
OR
Via E-mail as follows:
pattvacancies@patnt.com**

Email subject line should read: Electronic Engineer

Unsuitable applications will not be acknowledged.