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Electronics Quality Control Troubleshooter

Posted by: Trinity Tech Inc.

Posting date:28-Aug-2024   **Closing date**: 24-Feb-2025

Education: College Diploma

Language: English

Job location: Etobicoke

Salary: $34 Per Hour

Years of Experience: 2 years

Vacancy: 1

Job Type: Full Time   **Job id**: CAJ6877244

Job description:

Electronics Quality Control Troubleshooter Responsibilities

- Identify and troubleshoot defects or malfunctions in electronic components, circuits, and systems to ensure proper functionality and performance.

- Create detailed designs and architectures for power equipment, industrial control systems, telecommunication networks, and computer systems, ensuring they meet functional, safety, and performance requirements.

- Maintain detailed records of troubleshooting processes, inspection results, and corrective actions, ensuring transparency and traceability.

- Work closely with design and manufacturing engineers to address recurring issues, suggest improvements, and implement design changes.

- Conduct rigorous testing and validation of systems, including power equipment and telecommunication systems, to ensure reliability, safety, and compliance with industry standards.

- Create and refine testing protocols to improve the efficiency and effectiveness of quality control processes, adapting to new technologies and standards.

- Diagnose and resolve issues during the development and testing phases, optimizing systems for efficiency, performance, and cost-effectiveness

- Provide guidance and training to junior technicians and quality control staff, ensuring consistent application of troubleshooting techniques and quality standards.

- Stay updated on industry regulations and standards, ensuring all products and processes adhere to required quality and safety guidelines.

- Ensure that all systems and equipment developed adhere to relevant industry standards, regulations, and best practices, particularly in safety-critical environments.

- Manage project timelines and budgets, ensuring that design, development, and testing activities are completed on time and within financial constraints.

- Conduct applied research to innovate and improve existing systems, exploring new technologies and methodologies to enhance performance and efficiency.

- Oversee the installation of equipment and systems, ensuring proper setup, configuration, and functionality in line with design specifications.

This is a full-time employment opportunity.

We are looking for an individual with the following qualifications:

- Completion of a two- or three-year college program in electrical or electronics engineering technology, computer engineering technology, telecommunications technology or an equivalent
- 2+ years of work-related experience
- Attention to detail and a good communicator

Compensation: $34 per hour

Location: Travel to different sites in the GTA will be required. The Head office is located at 155 Rexdale Blvd #502a, Etobicoke, ON M9W 5Z8

Please send your resume to: trinitytechhr@gmail.com