



SigmaPoint Technologies Inc. is a high-tech Electronic Manufacturing Service (EMS) provider located in Cornwall, Ontario.

From design through delivery, SigmaPoint has the expertise and passion to work hand-in-hand with your team to provide the business sense and engineering support that you require to enter the competitive race and win.

Visit us on line @ www.sigmapoint.com

SigmaPoint is a fast growing electronic contract manufacturing company meeting the demands of the high-tech original equipment manufacturing industry. We are actively looking to fill the following position:

Test Engineering Technologist

Reporting to the Test Engineering Manager, the successful candidate will have a strong desire to learn and apply new concepts to real business problems effectively. Use effective communication, tact and diplomacy to facilitate the collaboration of multiple departments to achieve the objectives of two projects.

A **Customer Focused Person** who will be consistently engaged in seeking ways to eliminate waste, improve processes and helping us to meet our commitments.

Job Description:

- Perform debugging of complex Printed Circuit Board Assemblies (PCBAs) using standard troubleshooting equipment (Oscilloscope, Multimeter, Spectrum Analyzer ...etc)
- Provide day-to-day technical support on assigned test platforms to sustain availability for manufacturing testing.
- Ability to read and understand schematics, mechanical drawings and Bill of Materials (BoM)
- Perform routine preventative maintenance (PMs) on test equipment.
- Perform data analysis to report test trends of yields, failures and other test data.
- Collaborate closely with Production, Product Engineering teams to address manufacturing issues and ensure overall product quality sustains the target test yield.
- Perform root cause analysis to drive resolution of product manufacturing or test platform issues.
- Perform systematic analysis of test failures and use findings to adjust test specifications, validated and documented.
- Generate and close actions necessary to improve low test yields, repeat failures, and test issues.
- Manage Test Procedures to ensure they are up-to-date and request changes when needed or create new ones when required.
- Collaborate with other departmental teams to support manufacturing projects when required.
- Perform Production Testing activities when required to achieve global business objectives..
- Engage with customer(s) on-site, at their facility for training or for introduction of new test solutions.
- Provides general support to the manufacturing team.
- Prepare reports and presentations for internal and external customers.
- Perform, document and close customers' Engineering Change Orders (ECOs) on test programs in coordination with Engineering and Production teams.
- Perform requirements and specifications analysis to generate a Statement of Work from customers' test solution requirements.
- Proactively communicate with internal and external customers on the status of any test obstacles being resolved, in a timely manner.
- Commission new test solutions for Production.

Requirements:

- Electronics Engineering Graduate or Technologist or equivalent.
- 3 years+ experience working as a Manufacturing Test Technician with a Technician Diploma.
- Advanced computer skills (especially Excel & Valor). Strong report generating and data analysis skills.
- Strong people skills. Ability to work well with others in a high performance team environment
- A continuous learner, willing to learn other skills like software programming
- Current enrolment in an Electronic/Mechatronics/Software Engineering program (preferably in Year 2 or 3).
- Experience and willingness to communicate information clearly (presentations or other methods)
- Special preference will be given to those who have an electronics experience.

Desirable Experience:

In any one of the following areas:

- In Circuit Test platform (ICT) skills will be an asset.
- Experience with Thermal test chamber operation
- Experience with Flying Probe testing
- Familiarity with IoT products
- CAD software (e.g. OnShape)
- Software programming in C#, C++ or LabVIEW
- Development of automated scripts

Please send your resume to:

Paula Fontaine, CHRL

Via email: pfontaine@sigmapoint.com

SigmaPoint is an equal opportunity employer; however, only those applicants who meet our requirements will be contacted. In accordance with the Accessibility for Ontarians with Disabilities Act, SigmaPoint is pleased to accommodate individual needs of applicants with disabilities within the recruitment and selection process. Please call 613-937-4462 or email resumes@sigmapoint.com if you require an accommodation to ensure your equal participation in the recruitment and selection process..