

Electronics Test and Repair Engineer / Speciality: Process and Quality – Global Inkjet Systems

Reports to: Production Manager

Department: Operation

Working arrangements: Full time, permanent in office

Location: Cambridge, UK

Company Overview

Global Inkjet Systems (GIS), a division of Nano Dimension, is an awarding-winning global leader in the development and supply of key application software, electronics, and ink system components into the industrial inkjet printing market. Our focus is on designing tailored next generation software, advanced printing system components, and providing services for OEM customers worldwide.

We foster a friendly culture for people to work collaboratively, communicate openly to challenge norms and nurture people to create future thought leaders.

Position Overview

The Electronics Test and Repair Engineer, will be responsible for testing, diagnosing, and repairing electronic products, ensuring that all products meet quality standards and customer requirements.

The Electronics Test and Repair Engineer with a speciality in Process and Quality is foreseen, to perform additional duties compared to the Test and Repair Engineer, and it would be recognised as a level-up position. Additional duties requirements would be expected but not limited to 1/3 of your work activities.

Key Responsibilities and Duties:

- Conduct electronics test and repair activities, ensuring the high-quality standards are met.
- Utilize electronics knowledge to support testing and repair procedures.
- Perform precise electronic repairs and troubleshooting on a variety of electronic products.
- Read and understand electronic circuit diagrams to diagnose issues accurately.
- Utilize various test software tools for diagnostics and analysis.
- Speciality skill: Develop and optimize production processes to enhance efficiency, quality, and productivity.
- Speciality skill: Help with setting up quality standards.
- Speciality skill: Able to write technical documentation. (Electronics and Ink Delivery Systems)
- Speciality skill: BOM recommendations.
- Speciality skill: Sub-coordination of engineering, quality, and R&D activities.
- Speciality skill: RMA process administration (Electronics and Ink Delivery Systems)

Preferred Qualifications/Skills:

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- Minimum of GCSE A-levels.
- Bachelor's degree in a relevant field preferred.
- Proficiency in reading and understanding complex electronic circuit drawings.
- Outstanding soldering skills and expertise in complex electronic repairs.
- Experience with various test equipment, software tools and diagnostics.
- Strong attention to detail and ability to perform precise electronic repairs.
- Excellent troubleshooting skills and ability to diagnose electronic issues effectively.
- Prior experience in electronics manufacturing.
- Familiar with quality standards IPC 7711/7721
- Familiarity with inkjet technology and its applications.
- Experience with lean manufacturing tools and principles.

Additional Information:

- This role requires a hands-on approach and the ability to work effectively within a team.
- A can-do attitude and a proactive mindset are essential for success in this position.
- The ideal candidate will be a lean thinker, continuously seeking ways to improve processes, and quality and optimize efficiency.

Working Conditions:

- This role will primarily be performed in a manufacturing environment.
- May require occasional lifting of heavy objects and working with hazardous materials.
- Some tasks may require standing for extended periods.

In addition to a competitive salary, we offer the following:

- Pension contributions
- Private health insurance
- Life insurance
- Company-funded staff kitchen with snacks, chocolate, drinks and fruit
- Company-funded social events
- Company-funded Charity Committee
- 25 days annual leave
- Free Tastecard membership
- Stock options scheme