



NPI/Manufacturing Engineer

Semiconductor devices provide the foundations on which progress in the technology sector are enabled. From Smartphones to Artificial Intelligence, 5G communications to autonomous vehicles, all are made possible through advances in semiconductor processes. Scaling these processes requires sub-nanometer measurement of increasingly complex 3D structures to enable more powerful devices. At **Infinitesima** we have pioneered a revolutionary atomic precision 3D metrology technology which has been qualified by leading companies in the semiconductor industry and we believe is essential for continued progress. To quote Lord Kelvin, *'If you can't measure it you can't improve it!'*. Come and join our dynamic team to enable the semiconductors for tomorrow's technological developments.

Do you have a passion for excellence and solving problems? If so, we currently have an exciting opportunity for a NPI/Manufacturing Engineer within the NPI Team

Location: Abingdon

The Opportunity

The position of NPI - Manufacturing Engineer provides support to the NPI/Manufacturing Director to enable the handover of a quality product to the Manufacturing team, considering Design for Manufacture, Test and Serviceability within Infinitesima.

To provide Quality Documentation to the Operations and Service teams for all new products.

The role would suit a highly skilled Technician who is looking for the next step in their Career.

Responsibilities and Duties

- To manage and plan the introduction of new products from R&D/Engineering to production to meet agreed quality targets and product specifications, identifying constraints in resource and equipment, feeding it back into the programme/project for alignment.
- To fully understand and document the build of the Metron System to enable a clean handover to Manufacturing in the UK.
- Support The NPI/Manufacturing Manager in supplying Quality documentation to enable the build of all products within Operations.
- Support The Change Process once Product is released to Manufacturing
- Review and implement Opportunities for Continuous Improvement.
- Produce well documented build notes and test procedures as required.
- Lead prototype & post-production build reviews.
- Good understanding of IPC standards for wiring
- Experience in the use of a mechanical design system i.e Solidworks
- Work closely with design teams (electronic and mechanical) to ensure smooth and optimised new product introduction (NPI) into manufacturing and production readiness for prototype and production builds.
- Identification and development of specialised equipment and tooling to improve Production efficiencies and quality.
- Provide guidance on different approaches to development and delivery of solutions/systems that could yield better results.
- Work autonomously within established procedures and practices.

Qualifications

Essential

- An educational qualification (eg. HND or degree) in a relevant discipline (Electromechanical assembly)
- Experience of building and testing complex high technology products
- Experience of wiring/soldering to IPC standards
- Experience of working with engineering development and release into a product (ie Product Life Cycle)
- Experience in the use of a mechanical CAD software (ie Solidworks)
- Over 7 years practical experience in a manufacturing technician role
- Excellent communication skills.
- Fluency in written and oral technical English

Desirable

- Experience in Document control
- Experience in Product Certification (CE,FCC etc)
- Good understanding of ECR/ECO control systems and Processes.
- Some Project Management experience.
- Willing to travel if required

Personality

An individual with a good level of all round Design and Assembly processes, a high degree of manual dexterity and a high level of Technical ability. Be able to think on their feet when required.

Benefits:

In addition to a competitive salary and an annual bonus. Infinitesima offers flexible working hours, 25 days annual leave, death in service and private health care benefits, personal pension contributions of 4% with salary sacrifice and a generous EMI Share scheme.

All qualified applicants will receive consideration for employment without regard to race, colour, religion, sex, sexual orientation, gender identity, national origin, or disability.

Note to recruitment agencies: Infinitesima Ltd only works with approved agencies and does not accept unsolicited agency CVs. Please do not submit candidate details in response to this advert, or to any Infinitesima Ltd employees. Infinitesima Ltd is not responsible for any fees related to unsolicited CVs.