



Production Engineer

Job Description

Role	Production Engineer (electro-mechanical assembly)
Commitment	Full time role
Employer	Ionix Advanced Technologies Ltd. (www.ionix.at)
Reports to	Managing Director (Operations)
Location	Ionix's offices are based in Huddersfield, West Yorkshire. UK, easily accessible from Leeds, Manchester and Sheffield.

Summary:

Ionix Advanced Technologies specialises in high performance, extreme environment piezoelectric devices, systems and materials, offering a range of sensors, actuators and transducer devices based on its novel piezoelectric materials, with applications in areas such as non-destructive testing/evaluation (NDT/E) condition monitoring and flow measurement in demanding environments.

Piezoelectric materials are used in a vast and rapidly expanding range of actuators and sensors. They are the irreplaceable heart of systems such as medical ultrasound imaging, non-destructive testing (NDT), energy harvesting and SONAR comprising a \$15bn annual market. Ionix has developed and manufactures a novel range of high temperature piezoelectric materials which form the basis of our sensor products which can operate in extreme environments in excess of 500 °C, in nuclear and explosive atmospheres, and with which opens the opportunity to a whole host of new extreme environment sensing applications. Ionix have an international customer base.

Ionix is currently looking for a Production Engineer who will be a key contributor to the production team, which outputs new high temperature piezoelectric transducers and sensors. You will work closely within the team to ensure production schedules are met, implement continuous improvement and manufacturing methods in order to satisfy customer orders, and bring new products to manufacturing.

Able to demonstrate relevant experience in assembly, testing, production or manufacturing, you should have an ability to work to deadlines with a flexible approach to the varied tasks required of the role.

Applicants must already have the right to live and work permanently in the UK, for example they are a UK citizen.

To apply for this role, please send your CV and covering letter to careers@ionix.at with the reference "PE052024"



The Role:

- Build and assemble Ionix products within the manufacturing team to ensure products (sensors and ceramics) are delivered to cost, time & specification, able to work in a precise and exacting manner.
- Design and development of tooling, jigging and fixtures as required.
- Identify, assess, execute and lead continuous improvement projects within the production team.
- Work with the Development Team to complete written specifications, procedures and instructions to assemble, process and test products effectively and efficiently under a Quality system.
- Communicate with suppliers and equipment manufacturers to discuss applications, resolve issues and ensure product requirements are met.
- Responsible and accountable for working under the requirements of the Company quality assurance and health and safety policy.
- Assist the Ceramics and Devices development team in NPI projects, as required.
- Assist with the planning of production schedules.

Essential

- Electrical/Electronic or Mechanical engineering-based education or equivalent to minimum HNC/HND level or higher in engineering and/or have completed a recognised apprenticeship in engineering.
- Experience working within a Manufacturing or Engineering environment.
- Ability to manage time and work to strict deadlines as part of a team or independently.
- Demonstrate excellent interpersonal, oral and written communication skills.
- Evidence of using CAD software (in particular SolidWorks) to produce designs and/or drawings.
- Capable of working to and delivering engineering drawings, sketches, or written instructions.
- Computer literate, competent in Word, Excel and PowerPoint.

Desirable, but not mandatory qualities may include:

- Experience of soldering to IPC standards.
- Experience of New Product Introduction (NPI)
- Experience in high temperature/high pressure devices.
- Experience in working within an ISO 9001 accredited or another regulated industry environment or equivalent.
- Experience in a high volume and bespoke low volume environment.
- Experience of using a MRP/ERP system.
- Evidence of using CAD software (in particular SolidWorks) to produce designs and/or drawings.