



IPEC Limited

Manufacturing Engineer

Job Type: Full-time, Permanent

Location: Office based, Stockport SK1

Education Level: Demonstrable experience designing using 3D CAD, hands on manufacturing experience, ideally with a qualification in mechanical engineering or product design.

Salary: Dependant on experience

Company Information

www.ipec.co.uk

IPEC are experts in On-line Partial Discharge (PD) testing of MV and HV equipment. Through intensive and on-going research and development IPEC have enabled the detection, location, and analysis of PD to be economically implemented on a large scale, improving network reliability.

Based in Stockport, Greater Manchester, IPEC offer turnkey solutions for asset monitoring and testing of high voltage insulation for defects that could lead to asset failure. Our products range from simple to use instruments for routine spot testing, to sophisticated permanently installed systems.

The Role

We are seeking a proactive and detail-oriented Manufacturing Engineer to join our dynamic Manufacturing team. This critical role bridges the gap between new product development and manufacturing, ensuring seamless integration of new products into our operations. This hands-on position involves designing and implementing manufacturing processes, utilizing both 3D and 2D CAD for industrial metal and plastic products, and operating 3D printers and CNC machines.

Key Areas of Responsibility

It is estimated the role will be 65% hands on manufacturing, 35% design. The key areas of responsibility for this role will include:

Hands-On Manufacturing: Engage in hands-on manufacturing of IPEC's products, Troubleshoot and solve manufacturing issues as they arise.

Design: Utilise CAD software to create detailed 3D models and technical drawings. Develop assembly drawings and work with in-house tools and external subcontractors to manufacture designed components.

New Product Introduction (NPI): Collaborate closely with the product development team to transition new designs into full-scale production.

Process Development: Develop, implement, and optimize manufacturing processes for new and existing products. Ensure efficiency, quality, and cost-effectiveness in manufacturing processes. Prepare and maintain detailed product design documentation, including bills of materials and work instructions

The Right Person



The ideal candidate will be proactive, detail-oriented, and capable of ensuring seamless integration of new products into our manufacturing operations. Comfortable working in a role that is a mixture of hands on manufacturing and mechanical product design. Capable of ensuring the seamless integration of new products into our manufacturing operations.

Requirements

- Proficiency in 3D CAD software (ideally Autodesk Fusion 360 or similar).
- Experience with 2D CAD software.
- Proven ability to create technical drawings and assembly instructions for a manufacturing environment.
- Demonstrated hands-on experience in a manufacturing environment.
- Computer literate, with proficiency in ERP/MRP systems, databases, Excel, and CAD software.
- Strong commitment to continuous improvement and efficiency.

Desirable

- Knowledge of electronics manufacturing processes

Terms

Contract: Permanent

Hours: 37.5 hours per week

Location: Stockport, Greater Manchester

Salary: Dependant on experience

Benefits: Include Company pension plan, flexible working, and 25 days annual leave pro rata, plus bank holidays.

Applications

Interested candidates should apply in writing to jobs@ipec.co.uk.

Applications should include:

- A comprehensive and up-to-date CV.
- A covering email summarising your interest in the post and demonstrating your ability to match the criteria outlined.
- Details of your current salary and notice period.