

17 June 2022

**Position:** Manufacturing Process Engineer

**Office:** Michell Instruments UK

**Departments:** MESH

**Job  
Description:**

## Manufacturing Process Engineer

We are now looking for a self-driven Manufacturing Process Engineer to join the Manufacturing Engineering Support Group (MESH) at our office in Ely, Cambridgeshire. Reporting to the MESH Manager, the Manufacturing Process Engineer will develop close working relationships with other departments whilst providing technical support to Manufacturing, Quality Assurance and Engineering. They are also expected to develop a strong working knowledge of our products, production processes and equipment. This is an exciting role for the right candidate, one that is both diverse and challenging.

The ideal candidate will demonstrate a flexible proactive approach to their work and will possess excellent problem-solving skills. To be successful in the role, they will help optimise production processes to gain cost reductions and improve product manufacturing performance through continuous improvement projects, data analysis and procedural changes.

### Responsibilities

- Initiate and implement changes in manufacture to develop and improve production processes by introducing Lean manufacturing practices, implementation of 5S and reduction of non-value add activity.
- Proactively work with Design, Manufacture, Quality and Supply Chain to ensure the effective and swift resolution of issues relating to technical, safety, quality and delivery.
- Design and build jigs, fixtures and similar hardware for production processes
- Participate, implement, and resolve corrective actions based on root cause analysis
- Create and maintain process work instructions and relevant documentation
- Actively assist in the delivery of new product introduction (NPI)
- Working alongside engineering, critically review designs for manufacture (DFM)
- Action engineering change requests (ECR) and product support requests (PSR)

### Requirements

The ideal candidate will have:

- A minimum of 3-5 years' proven experience utilizing Six Sigma and / or Lean Manufacturing in production is preferred

- Knowledge and application of value stream mapping
- A minimum HNC / HND in manufacturing or a related discipline
- Excellent problem-solving skills are essential with the ability to assess and analyse situations and make effective decisions in a timely manner
- An understanding of NPI and DFM principals and controls
- Excellent organisational skills to ensure multiple tasks are prioritised and delivered to agreed objectives
- The ability to communicate and influence across multi-disciplinary teams
- An understanding and experience of using an ERP business system
- Experience using a 3D CAD package such as Solid Edge would be an advantage

### **Benefits**

Michell Instruments work a 37.5 hour week and offer a competitive benefits package, including an additional 5% of salary pension fund contribution, private family health Insurance, Income Protection Insurance and Life Assurance, plus 23 days annual holiday (rising with length of service to a maximum of 27 days). Michell also operates the bike to work voucher scheme. A number of social events are organised throughout the year which help raise funds for the chosen charity.