

**Job Title:** Production Engineer

**Reports to:** Dependant on experience / Managing Director.

**Company Overview:**

The Company was founded in 1982. We are specialist designers and manufacturers of energy saving motor control equipment. Based at Lee Mill, near Plymouth, we serve industrial and commercial markets worldwide, with 85% of our annual sales being exported.

Today, with a successful track record recognised around the world, we are known internationally as the pioneers of digital soft starters and are still innovating and diversifying our product ranges today.

We pride ourselves in being a great & ethical company to work for with our high level of staff retention and with current plans of growth, are now seeking to increase our workforce.

**Job Overview:**

Motortronics-UK Ltd are looking for a Production Engineer to join their operations team. The Production Engineer will support them with the planning, electrical design, setup and manufacturing processes. The role requires an efficient, well organised and energetic individual to cover the varied tasks – a person who will need good communication skills and engineering knowledge in liaising between all departments.

**Responsibilities and Duties:**

- Able to liaise with all departments, throughout the complete design and production lifecycle, to ensure efficient development, manufacture and delivery of products to customers.
- Electrical engineering – eg. ability/knowledge of rating electrical components / power connections, general wiring practices, electrical safety
- Mechanical engineering – eg. Switchgear placement, bending distances of cables, IP protection levels
- Optimise shop floor layouts to allow efficient flow of product through assembly processes.
- Provide active input to the design review process.
- Produce and maintain detailed process documentation and assembly instructions to ensure consistent quality standards are maintained throughout manufacturing processes.
- Ensure conformance to Company policies and procedures, Health & Safety, and Environmental legislation
- Carry out risk assessments of all related production processes and procedures.
- Design of specialist production tooling (jigs & fixtures) to ensure efficient assembly of products.
- Specification, procurement, introduction (approval and training) of new production equipment and processes. Control & maintenance of machines/equipment.
- Assist in the training of production operatives in manufacturing procedures and processes
- Communicate and liaise with other departments (QA, Engineering and Supply chain) to resolve production issues.
- Support production assembly with technical and day to day manufacturing issues.

**Experience and Requirements:**

- Detailed knowledge of a broad range of manufacturing design, technology, processes, and concepts
- Knowledge of IPC standards associated with PCB and wiring harness assembly an advantage.
- Ability to evaluate / interpret product standards, short circuit coordination, technical file data – evaluation & production of technical drawings desirable
- Experience of low/medium volume manufacturing
- Good understanding of mechanical principles and manufacturing processes
- Experience gained within an electro-mechanical assembly environment.
- A Degree in suitable related engineering discipline preferable (Electrical, Mechanical, Manufacturing or Production Engineering), but not essential if the candidate can demonstrate considerable experience in Mechanical/ Electrical manufacturing technology.
- Ability to problem solve
- Team player

**Package:**

Salary: Dependant on experience

Starting Date: Immediate

Benefits: Healthcare, Contributory Pension, Life Assurance, 25 days holiday pa, on-site parking, friendly & modern, air-conditioned working environment, good facilities.