

ETI JOB DESCRIPTION

Job Title	R&D Production Support Engineer
Responsible to	R&D Manager/Assistant R&D Manager
Responsible for	N/A

About ETI

Electronic Temperature Instruments (ETI) Ltd, was launched in 1983 and is a UK award-winning manufacturer renowned for its precision digital thermometers and temperature-related instruments. With a focus on accuracy and innovation, ETI caters to various industries such as food service and facilities management, offering reliable solutions for temperature measurement needs.

R+D Mission Statement

To design and develop innovative, cost-effective and *manufacturable solutions to meet the ever-changing expectations of the global temperature measuring community.*

- Drive innovation and develop and patent new technology when feasible.
- Produce and manage technical documentation for products manufactured by ETI.
- Research and develop new technology.
- Safeguard existing products against component obsolescence.
- Provide technical support for both ETI production and sales departments.
- Ensure all ETI-manufactured products meet the published specifications.

Key Responsibilities

- To support the R+D Department (mechanical and electronic sections) with prototype machining and hand fitting of parts to develop ideas and products.
- To support the Production Managers on a day-to-day basis regarding any production issues resulting in timely and cost-effective solutions to maintain product quality and production levels.
- To firefight production issues within Instrumentation and Sensors.
- To create and modify parts for instruments eg probe overmoulds following mould change, tyre temperature probe holders from standard part, etc.
- To create jigs and fixtures, hand tools, gauges and equipment for production to aid efficiency and accuracy.
- To support the production areas with tooling, setting jigs on pillar drills, fixtures, etc.
- To work with QA to ensure products conform to standards/regulations and liaise with them in relation to any moulding issues and manufacturing problems.
- To provide monthly/weekly updates on Workshop maintenance and airline condition.
- To liaise with external suppliers and contractors regarding moulding issues, sample approval, etc.
- To stay current with product specifications, engineering technology and production processes.
- To proactively monitor ETI sub-contracted tooling/production quantities, co-ordinating scheduled maintenance.
- To proactively seek ways to assist the Product Managers to improve/streamline production

Main interactions

- Internally – Production staff, Team Leaders, Management Team
- Externally – Suppliers, Contractors

Knowledge and experience

- Extensive experience of working in an engineering environment.
- Using machines and equipment such as Milling machine, Lathe, Pillar Drill, and Grinders.
- Producing regular updates on workshop maintenance and airline condition.
- Good knowledge and experience of tool making, moulding, metal pressing.
- Liaising with suppliers.
- Practical knowledge and skills in the plastic injection moulding processes.
- A good understanding of all aspects of the production processes.
- Computer literacy and familiarity with various software packages.
- Strong drive to achieve results.
- Continuous Improvement experience.

Training/skills

- A good understanding of the methods of manufacturing.
- Excellent planning and organisational skills, and effective time management.
- Excellent problem solving and analytical skills.
- Good computer skills and confident user of Microsoft Office applications.
- Strong interpersonal skills with the ability to work with a broad range of people – on the phone, via email and in person.
- Self-motivated and able to use initiative with minimal supervision.
- Accurate attention to detail.
- Team player – able to work with all areas of the business.

Other

- Undertake all duties in accordance with ETI Ltd policies.
- Attend all training when required in order to adhere to mandatory regulations, legislation and best practice.
- Promote the company positively at all times.
- Adhere to all aspects of confidentiality and Data Protection to ensure compliance with the law.
- The post holder will be required to undertake such other duties as may be required, therefore, the list of duties in this job description should not be regarded as exclusive or exhaustive.
- The organisation reserves the right to update or amend the job description, from time to time, to reflect changes to the role. The post holder will be consulted about any proposed changes.

I confirm that I have read, understood, and accept the duties detailed in this Job Description.

Employee name

Employee Signature

Date