

Electrical & Instrumentation (E&I) Technician

About us

SCITEK Consultants Ltd is a Small to Medium-sized Enterprise (SME) based in Derby and has been in business for over 25 years. Our mission is to provide innovative R&D services to help develop and test our customers' products. Our portfolio includes countless projects for key players in the aerospace, rail and pharmaceutical industry and we are now increasingly engaging in projects in renewable energy. We have a reputation for delivering high-quality work, based on a diverse range of technical knowledge. Our clients come to us with a wide range of challenging projects which typically include aspects of mechanical design, electrical design and software development.

We are seeking a motivated and hands-on Electrical & Instrumentation Technician, to join our growing Research & Development team. The successful candidate will be involved in the assembly, testing, calibration, installation and commissioning of precision instrumentation and data acquisition systems used within aerospace, turbomachinery, power generation and other high-performance engineering industries.

This is an excellent opportunity for an individual with mechanical, electrical or electronic engineering experience who enjoys working in a varied role combining workshop-based activities with occasional customer site work.

Job description

We are based within the R&D sector and each test rig we manufacture is a one off. Consequentially, this position allows for a considerable variety of work not usually found within manufacturing. We are seeking a talented, multi skilled Electrical & Instrumentation Technician with a practical, hands-on approach ideally with a strong background in electrical assembly and instrumentation.

Key Responsibilities

- Assembly of electrical, electro-mechanical and electronic instrumentation products.
- Supporting prototype development, product improvements and new product innovation activities.
- Installation and application of sensors, probes, thermocouples, strain gauges and associated instrumentation.



Innovative

We do not shy away from never before done projects.



Top Class

We are the best in class at delivering our services.



Confidential

We take customer confidentiality very seriously.



Collaborative

We are open minded about our solutions and can help our customers map out requirements.

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- Calibration, testing and fault-finding of instrumentation systems and assisting with instrumentation sign-off activities on completed rigs.
- Cable assembly, wiring and electrical integration activities.
- Reading and interpreting engineering drawings, wiring diagrams and technical specifications.
- Supporting customer site installations, commissioning and service activities when required.
- Ensuring compliance with quality procedures, engineering standards and health and safety requirements.
- Maintaining a clean, organised and safe working environment.

Candidate requirements

Essential:

- Experience working within a manufacturing, engineering, instrumentation or aerospace environment.
- Practical experience of assembly, testing and fault-finding activities.
- The ability to read and interpret engineering drawings.
- Excellent practical problem-solving skills.
- Experience of using hand tools, workshop equipment, and precision measuring instruments.
- Strong attention to detail and commitment to quality.

Desirable:

- Ability to ensure work is completed within agreed timescales whilst maintaining high standards of quality and productivity.
- Experience working with data acquisition systems.
- Previous experience of working in an R&D or prototyping environment.
- Experience working within aerospace, gas turbine or turbomachinery industries.

Personal Attributes:

- Naturally curious and technically minded.
- Self-motivated with a proactive, can-do attitude.
- Detail-oriented with high standards of workmanship.
- Adaptable and comfortable working on varied, one-off builds.
- Strong communicator who can collaborate effectively with engineers.
- Organised and capable of managing multiple projects.

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Company benefits

We offer a friendly working environment in Derby. Company benefits include:

A competitive salary.

Both formal and on the job training.

Competitive company pension contributions.

Private medical cover.

25 days annual leave + bank holidays + discretionary Christmas shutdown.

40 hour working week (primarily based in our workshop) with flexible start/finish times.

Security clearance

Please note that security clearance via Experian Background Checking Services will be required if the candidate is offered the role.

How to Apply

If you would like to join our team, please send your CV to helen.fry@scitekconsultants.co.uk