

Senior Electronics Engineer

Founded in 1987, Metrol are global leaders in the innovation, development and operation of wireless down-hole systems, using acoustic, electromagnetic and inductive telemetry.

Metrol's understanding of this technology and its application plays a major part in our success. Our products are already used by energy companies throughout the world during exploration and production. Metrol's commitment to research and development has ensured that the company stays at the forefront of wireless downhole communications.

Benefits:

The role comes with a competitive salary and benefits package including:

- Culture that promotes teamwork and empowering individuals to make a difference
- Challenging role with on-the job training, working as part of an expert team
- 33 days holiday with additional holidays for long service and long service awards
- Hybrid/Flexible working opportunities
- Company Pension contributions
- Private Healthcare and Life Insurance
- Cycle to work scheme

The Role:

As part of our ongoing development of down-hole communications technology, Metrol's Research centre in Dorset is looking for an enthusiastic and driven Electronics Engineer to join our team. The successful applicant will work primarily within the multidiscipline R&D team in Dorset to expand and enhance Metrol's EM, wireless communication, product range.

Main Duties:

- Design electronics for surface and downhole tools, including analysis, schematic capture and simulation
- Develop and investigate high reliability components and packaging solutions
- Plan, prepare and conduct the qualification of new designs and technology
- Generate engineering reports and operating and build procedures
- Maintain clear documentation on design and test development
- Support internal and external customers on technical queries

Required Skills & Experience:

- Degree qualification in Electronic Engineering
- Strong understanding of analogue, instrumentation, and low noise techniques
- Experience in electronic design
- Good verbal and written communication skills
- Strong analytical and problem-solving skills
- Proficiency with standard computer applications

Desirable Skills & Experience:

- Low power electronics design experience
- Knowledge of DC-DC converter topologies
- Knowledge of IC packaging and test
- Experience with high temperature electronics
- Experience of PCB layout

Location: Metrol Research Centre Dorset.

Apply by email with your full CV to Vacancies-Technical@metrol.co.uk