

### Electronic Test & Qualification Engineer

An enthusiastic and capable electronic engineer is required for this opportunity to work as part of a dynamic and expanding company in order to develop the next generation of downhole tools for use in the Oil & Gas industry.

This role will involve research into high reliability and high temperature electronics and the development of test and qualification programs for components and assemblies used in downhole tools. The successful applicant will work primarily within the Electronics R&D group to expand and enhance the range of services that the company provides.

Metrol's products are already used throughout the world by major oil companies during exploration and production. The data provided by our products allows significant improvements to be made in the efficiency and safety of various stages of oil and gas production. Metrol's commitment to research and development has ensured that Metrol stays at the forefront of downhole communications and the successful introduction of a range of new products has resulted in company growth which provides an opportunity for skilled and innovative engineers.

### Principal Duties

The Electronic Test & Qualification Engineer will be required to:

- Investigate and assess high reliability electronics components and circuits.
- Plan, prepare and conduct the qualification and test of new designs and technology for high temperature operation.
- Develop hardware and software for testing and qualification. This may include circuit design, schematic capture, test firmware development, assembly of test hardware.
- Develop systems for recording and presenting test information.
- Analyse data and production of reports and other related documentation.
- Be responsible for equipment and procedures to allow qualification to industry recommended practices.

### Required Knowledge & Experience

- Degree qualification in Electronics Engineering.
- Previous experience in electronic design.
- Good verbal and written communication skills.
- Proficiency with standard computer applications.
- Strong analytical and problem solving skills.

### Desirable Knowledge & Experience

- Experience in the oil and gas sector.
- Experience with high temperature electronics.
- Familiarity with industry standard test and qualification procedures.
- Analogue and low power electronics design experience.
- Proficiency with software for instrument control and data processing.
- Software/microprocessor skills.

### Location

Kirkhill Industrial Estate, Dyce, Aberdeen.

### Salary

Negotiable.

Apply by email [only](mailto:Vacancies-Technical@metrol.co.uk) with your full CV to [Vacancies-Technical@metrol.co.uk](mailto:Vacancies-Technical@metrol.co.uk)