

### Experienced Electronic Engineer

An enthusiastic and experienced engineer is required for this opportunity to work as part of a dynamic company operating at the cutting edge of downhole tool technology in order to develop the next generation of tools for use in the Oil & Gas industry.

This role would suit an experienced electronic engineer and will involve the development and testing of new and existing surface and downhole tools. The successful applicant will work primarily within the Electronics R&D group to expand and enhance the range of services that Metrol 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. The company's commitment to research and development has ensured that Metrol stays at the forefront of downhole communications. 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 Experienced Electronic Engineer will be required to:

- Design of electronics for surface and downhole tools.
- Circuit analysis, simulation and schematic capture for component level PCB design.
- Development of hardware and software for testing and production..
- Plan, prepare and conduct the qualification of new designs and technology.
- Generate engineering reports and work instructions.
- Maintain clear documentation on design & test development.

### Required Knowledge & Experience

- Degree qualification in Electronics Engineering.
- A minimum of ten years' experience in electronic design.
- Good verbal and written communication skills.
- Proficiency with standard computer applications.
- Strong analytical and problem solving skills.

#### Desirable Knowledge & Experience

Background in one or more of the following areas:

- Experience with downhole tools in the oil and gas sector.
- Experience of wireline tool design.
- Experience with high temperature electronics.
- Analogue and low power electronics design experience.
- Wireless and acoustic communications design experience.
- Software/microprocessor skills.
- Proficiency with electronic design & analysis software.
- The ability to travel possibly offshore on an occasional basis.

#### Location

Kirkhill Industrial Estate, Dyce, Aberdeen.

#### Salary

Negotiable.

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