

Engineer – Test and Development Full Time, Permanent, Immediate Vacancies (2 positions)

Drive System Design Ltd (DSD) is a highly respected and innovative engineering business operating in a variety of sectors including automotive, off highway and renewable energy. They provide a full product engineering and development service supported by expert knowledge of state of the art design and analysis tools ensuring the highest quality service is delivered to customers, many of which include the world's premium car manufacturers.

Headquartered in Leamington Spa, Warwickshire DSD employs close to 100 people including c. 20 based at their Tech Centre in Detroit, USA. Demand for their expertise and services continue to increase as demonstrated by their year on year growth over the last 5 years. This growth has enabled significant investments in people and facilities e.g. DSD is now the largest independent transmission test facility in the UK. DSD will grow further with a substantial part of its business now in electrification.

The successful applicant will become an integral part of the busy Test and Development Engineering team.

Outline of Role and Responsibilities

- Lead Test & Development work (minimum single project)
- Specify test rig requirements including instrumentation and fixture tooling
- Prepare Test Specifications
- Prepare data logging equipment (understand instrumentation wiring requirements)
- Calibrate instrumentation
- Conduct both rig and vehicle tests
- Plan and co-ordinate supplier and external testing
- Generate test results, analyse data & compile test reports
- Liaise effectively with technical staff through analysis of test results, preparation of concise technical reports and presentations, both internally and to the customer
- To supervise technicians with regard to Build, Test & Measurement procedures and supporting documentation
- Support FMEA reviews
- Participate in structured problem solving teams and maintain supporting documentation.
- Potential for both European travel and long haul travel
- There will also be a requirement for occasional late working to complete work to deadlines

Minimum Requirements

- Degree educated in mechanical engineering or related discipline.
- Considerable experience of Automotive Powertrain Development including both Rig & Vehicle based transmission Test programmes. Structured failure analysis methods
- Specification and use of instrumentation & PC based data acquisition systems
- Computer literate – Microsoft Office
- Knowledge of data acquisition software
- LabVIEW
- CANape
- ETAS – INCA
- General understanding of automotive electronics and instrumentation
- Experience of testing transmissions would be advantageous

Apply with CV and covering letter, including as much information as possible to Catherine Comber via the email above