

Job Title – Rig / Build Technician

Date position required:	September 2017
Reports:	None
Salary:	Competitive
Benefits:	Pension
Site:	hofer powertrain UK, Warwick Innovation Centre (CV34 6UW)
Applications required by:	ASAP
Application format:	CV and covering letter

hofer powertrain – Part of the hofer AG (Group)

hofer, established in the 1980's, is a privately owned, German based, automotive engineering consultancy growing to in excess of 1,000 people over the next few years. We work with many of the world's automotive OEMs, Tier 1 suppliers and automotive technology centres and have numerous powertrain components in mass production including hofer designed electric motors and hybrid modules to full dual clutch transmissions.

With numerous offices across Germany, Austria, Italy, America, China and the UK, hofer has a truly global presence allowing comprehensive support for powertrain projects across all vehicle sectors.

- Specific sites setup to support many of the German OEMs
- hofer Mechatronik GmbH (Part of the hofer group) is the largest independent automotive hydraulics consultancy in the world
- Involved in many current and future AT, AMT, DCT and MT volume transmission design projects from clean sheet to production
- hofer has its own inverter / electric control technology and has designed hybrid modules and e-motors that are in production across the world
- Full design to production experience of hybrid powertrain technologies from energy storage to the road
- Full engine and motor driven test capability
- Production supplier to VAG group

As part of hofer groups global growth, and the continuing expansion of hofer powertrain UK, a vacancy has arisen for a Rig / Build Technician to join the Warwick office. Reporting to the Development Lead, hofer powertrain UK seeks a Rig / Build Technician with a minimum of 5 years' experience in transmissions and driveline.

The key functions of the role:

Responsible for mechanical installation of transmissions to UK test benches, including connection of measurement equipment and electrical transmission control systems.

Build of transmissions, assembled to expected standard, and to the project timing plan, in both the UK and Germany as required.

Support the installation and commissioning of the hofer UK build facility.

Conduct structured test procedures and working with development engineers to perform ad hoc tests.

Collate data to provide to the engineering team for analysis and reporting and logging of day to day activities on the test rig.

Complete mechanical maintenance required to keep the test rigs running, and fabrication work necessary to install the test transmission and ancillary systems.

Basic diagnosis of faults within the test transmission, and communication of findings to the development engineer.

Maintain a high standard of cleanliness and presentation in the test rig and build area.

Tracking of prototype parts, ensuring components are handled in accordance with hofer standards, from receipt of goods through to delivery to customer.

Liaison with engineers and programme management, with respect to daily build progress, assembly issues, test and development requirements, etc.

Manage ad hoc requests from engineering team, such as modifications to components, inspection and assembly checks.

Perform controlled teardowns of transmissions including handling and storage of components.

Build and maintain a suitable record of assembly related issues over the lifetime of a transmission build and development project.

Support engineering team with establishing assembly procedures and build manuals.

Liaison with other hofer sites in order to co-ordinate build activities and ensure delivery is in line with the customer requirements.

Some travel to Germany to liaise with the engineering teams, and for training purposes, will be required.

Support internal virtual build reviews.

Qualifications / Education / Experience required:

Comfortable with mechanical fitting of transmissions to test rigs, including performing the necessary safety checks to ensure mechanical integrity of the setup.

Experience with running transmission tests would be beneficial.

Demonstrate good practical skills, competent in the assembly of automotive transmissions.

Practical working knowledge of modern automotive transmission and driveline systems.

Fundamental appreciation of manufacturing techniques used in automotive transmissions.

Appreciation of measurement equipment and data acquisition systems used for transmission testing.

A good understanding of the testing that would be required to take a transmission into volume production.

Experience working in a clean build environment.

Experience specifying prototype assembly tools.

Comfortable with interpreting technical engineering drawings and assembly procedures.

Demonstrate good time management, able to achieve project objectives with minimal supervision.

Able to work well with other technicians, engineers and programme team.

ND qualified in an automotive/mechanical discipline.

A minimum of 5 years demonstrable experience within transmission and driveline build and test.

Knowledge of prototype and volume transmission build methods, manufacturing techniques and design for service requirements.

PC literate and able to use MS Office products.

Other beneficial attributes:

Knowledge of the German language and experience working with German companies.

HV training would be beneficial, but not essential.

Personal attributes:

Exceptional attention to detail.

A positive attitude with a high level of self-motivation and self-reliance.

A willingness to operate outside their normal comfort zone.

Excellent team and communication skills.

Well organised and able to remain focused under pressure.