



**CNH Industrial** CNH Industrial is a global leader in the capital goods sector that, through its various businesses, designs, produces and sells agricultural and construction equipment, trucks, commercial vehicles, buses and specialty vehicles, in addition to a broad portfolio of powertrain applications. Across its 12 brands, 64 manufacturing plants, 49 research and development centers and a workforce of more than 70'000 people, CNH Industrial is present in 180 countries giving it a unique competitive position.

**FPT Motorenforschung AG** in Arbon has around 250 highly qualified employees working with commitment and acknowledged success. Our activities: all aspects of engine research and development, particularly diesel engines with direct injection and aftertreatment systems for road vehicles and off-road applications. Investing in the future and providing new jobs, we are looking for a

## **On Board Diagnosis (OBD) Calibration Engineer** **(f/m)**

As an OBD Calibration Engineer you will be working in a team on the development of calibration to fulfil legislative requirements for OBD, covering multiple global markets. The role will involve activity in all areas of the calibration development cycle from target definition through to validation. The role will principally involve engine based testing and will include some activity on vehicles. The candidate will be responsible for developing a full specific OBD function dataset and delivering this for integration into the complete ECU calibration.

### **Your tasks**

- Calibration dataset development in line with guidelines for OBD regulations
- Testing OBD calibration on vehicle / engine / HIL if required for robustness
- Support in Pre and Official OBD Demonstration
- Dataset validation for all ambient conditions both in facility and in territory
- Planning and execution of a vehicle testing program
- Analysis of results and preparation of recommendations



Welcome to a world of opportunities.  
Welcome to CNH Industrial.



## Your profile

### Essential:

- Bachelors/Masters in Mechanical/Automotive or related Engineering discipline
- Experience within the automotive industry
- Good knowledge of Combustion engine fundamentals
- Good working knowledge of EMS and related tools and software
- INCA, Concerto, database management, SW Documents
- Excellent inter-personal and communication skills
- Capable of working independently as well as part of large and small teams across location
- Very good English language skills, other languages (in particular German) would be an asset

### Preferable:

- Previous experience of delivering OBD calibrations for global markets including EU or US
- Experience of coordinating and executing tests on vehicle and engine test-bed
- Knowledge and experience of OBD requirements for light duty trucks or medium duty vehicles
- Understanding of worldwide OBD legislation
- Familiarity with Hil Rig and model-based development activities
- Understanding of worldwide vehicle emissions legislation
- Knowledge and experience of aftertreatment systems
- Programming skills in C#, knowledge of SQL and Database Systems

## Interested?

For further information please contact Mr. E. Rhein – tel. +41 (0)71 447 73 68.

Please send your application to Human Resources: [recruitment.arbon@cnhind.com](mailto:recruitment.arbon@cnhind.com)

**FPT Motorenforschung AG**, Schlossgasse 2, CH-9320 Arbon, Tel. +41(0)714477 477,  
<http://www.fptindustrial.com>

