



CNH Industrial is a global leader in the capital goods sector with established industrial experience, a wide range of products and a worldwide presence. Each of the CNH Industrial's brands is a major international player in its specific industry: Case IH, New Holland Agriculture and Steyr for tractors and agricultural machinery; Case and New Holland Construction for earth moving equipment; Iveco for commercial vehicles; Iveco Bus and Heuliez Bus for buses and coaches; Iveco Astra for quarry and construction vehicles; Magirus for firefighting vehicles; Iveco Defence Vehicles for defence and civil protection; and FPT Industrial for engines and transmissions. More information can be found on the corporate website: www.cnhindustrial.com

FPT Motorenforschung AG in Arbon has around 250 highly qualified employees working with commitment and acknowledged success. As the main innovation center for FPT Industrial, the site is involved in developing FPT Industrials' future powertrain solutions (not only in electrified powertrains, hybrids and fuel cells, but also novel engines concepts and alternative fuels) and is therefore at the forefront of a transition towards a future of alternative propulsion systems.

Development Engineer Urea Injection Systems

As a member of the urea injection team, you will be a technical expert for Medium & Light duty Urea injection systems. You manage the calibration of urea injection systems according to the project milestones and ensure through testing in lab and engine bench the required functionality and the compliance to the legal requirements of the urea injection system.

Your tasks

- Application and Software calibration of urea injection systems (incl. preparation of Software specifications) according to the Project timeline
- Planning and execution of different Tests on Urea injection system in Lab, Engine Test-bench and Vehicle
- Determine the most useful testing procedure to get a solution within the given time schedule
- Documentation, interpretation, and presentation of Investigation results, which will be used to define the next steps in the development
- Definition of potential system improvements base on Test results
- Presentation of test result in FPT at Supplier and Customer
- Technical support for colleagues and customers by problems with the Urea injection system
- Cooperation with several Suppliers and Customers

Your profile

Basic Qualifications:

- Master's degree in mechanical engineering or Mechatronics
- 2-5 years' Experience in the calibration of Engine control units (EDC) or Dosing control units (DCU)
- Experience in the development of Diesel Engines or Aftertreatment systems
- Skills in INCA, Concerto and Microsoft Office (Excel, Word, Power Point). Familiarity with C/C++ is a plus
- Knowledge of Combustion engine and ATS
- Problem solving capability
- Capable of working independently as well as part of a teams across location
- Good inter-personal communication skills
- Good English language skills (B2), other languages (in particular German) would be an asset



Preferred Qualifications:

- Knowledge and experience of OBD requirements for On- road and Off-road vehicles
- Familiarity with Hardware in the Loop (HIL) Systems and model-based development activities
- Competence on urea injection systems

Interested?

For further information, please contact Mr. S. Schwarz – Tel. Tel. +41 71 44 77 252.

Please apply here: <https://cnhindustrial-emea.mua.hrdepartment.com/hr/ats/Posting/view/16999>

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