



Iveco Group N.V.
Corporate Seat: Amsterdam,
the Netherlands
Chamber of Commerce
Registration no.
83102701

Iveco Group is a global automotive leader. Each of its 8 brands is a major force in its specific business: IVECO designs, manufactures, and markets heavy-, medium- and light-duty trucks; FPT Industrial, a global leader in advanced powertrain technologies; IVECO BUS and HEULIEZ, mass-transit and premium bus and coach brands; Iveco Defence Vehicles, for defence and civil protection equipment; ASTRA, a leader in heavy-duty quarry and construction vehicles; Magirus, the industry-reputed firefighting vehicle and equipment manufacturer; and IVECO CAPITAL, the financing arm which supports them all. Iveco Group employs approximately 34,000 people around the world and has 28 manufacturing plants and 29 R&D centres.

FPT Motorenforschung AG in Arbon has around 250 highly qualified employees and functions as the main innovation center for FPT Industrial. The site is involved in developing 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.

We would like to fill the following position as soon as possible:

Compliance Engineer for Pre-Homologation Test Specification and Homologation Requirements

As a member of the Battery Systems Team in the Electrified Powertrain Engineering division of FPT Industrial, you will be part of a highly skilled team driven to design and engineer best-in-class battery systems for our electrified powertrain product portfolio. You will identify the correct homologation regulation requirements for different energy storage systems and contribute to set appropriate test specifications. In addition, you will also contribute to the development of advanced concepts as well as their implementation for on-road vehicles and off-road applications.

Your tasks

- You will be in charge to define the boundary conditions and technical criteria that the battery system needs to pass in order to fulfil the homologation requirements
- Participation in the test procedures of the batteries currently under development for pre-homologation purposes and driving of the homologation tests
- Work with application specialists to specify battery pack requirements including performance, mechanical and structural characteristics
- Supplier management
- Compilation of reports and presentations that describe the conducted analysis as well as the solutions found, and communication of these findings
- Collaborate closely with various internal and external departments and laboratories as well as with universities
- Support process development within the team to follow best in class approaches to systems development

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Your profile

Basic Qualifications:

- You hold a university degree in a relevant engineering discipline and possess at least 3-5 years of experience in a comparable role
- In-depth technical understanding of HV Energy Storage systems including a broad knowledge of the applicable legal norms and regulations of Battery Test Procedures
- Excellent understanding of system and component interactions
- Advanced English skills (spoken and written) are mandatory as this is our main working language. In addition to this, any German and/or Italian language skills would be a welcome asset
- You are a highly motivated self-starter and team-player with a clear and precise communication in order to be able to document your work, generate reports and present your findings

Preferred Qualifications:

- Strong technical understanding of battery systems and technologies as well as of the corresponding norms and regulations
- Experience with safety-critical electronic product development for automotive applications, ideally including battery safety concepts
- Self-motivated with the ability to simultaneously manage multiple tasks
- Good technical communication skills

Interested?

Please send your application in English to recruitment.arbon@ivecogroup.com

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