Goodyear is one of the world's largest tire companies. It employs about 72,000 people and manufactures its products in 57 facilities in 23 countries around the world. Its Innovation Centers in Akron, Ohio, Colmar-Berg, Luxembourg and Hanau, Germany strive to develop state-of-the-art products and services that set the technology and performance standard for the industry. For more information about Goodyear and its products, go to www.goodyear.com/corporate.

Do you want to be a part of a team based in Colmar-Berg working in a fast paced, world class organization, driven by leading edge technology? … if the answer is yes, then we have just the job for you…

Field Support Engineer (m/f)

The opportunity

Goodyear is seeking a Vehicle Validation Engineer to join our Innovation Technology Team! In this role, you will support the technical tire information system developments for both commercial and consumer applications and be part of a global technology team. This position will play a critical role in developing, planning, coordinating, and executing vehicle validation tests. If you have a passion for understanding how vehicle systems work and how they can fail, this is the job for you!

Primary Responsibilities :

- Manage all aspects of test cases, including design, execution, and reporting.
    - Create Vehicle Validation Plans, Vehicle System DVP/Rs design, test procedures, and support development of subsystem test procedures and DVP/Rs.
    - Create Vehicle Test Reports for Durability, Environmental, Electrical, Firmware, Reliability, and High Mileage Accumulation Testing that includes both subjective and objective test findings and results.
    - Work with requirement vehicle system owners to ensure that all requirements are verifiable and are linked to test cases with well-defined pass/fail criteria.
    - Work with engineering teams to ensure that system and subsystem verification plans are coherent and that clearly defined acceptance criteria are in place.
    - Coordinate with the broader system teams (functional safety, EE, etc.) to look for potential coverage gaps and develop mitigation plans where gaps exist.
    - Interface with Safety and Compliance office to ensure that the verification plan meets product, regulatory and business needs.
    - Documents and archives work on each test vehicle.
    - Records processes and procedures for repeatability.
- Configure/Install hardware and software on variety of vehicles in a variety of systems.
    - Flashing control modules with software and firmware updates.
    - Debugging as needed.
- Work closely with the interfaces between the vehicle platform, actuators, vehicle software, and communication network.
- Inventory management, including interfacing with vendors for procurements as well as tracking equipment movements between company vehicles.

To join our team you will need:

Education :

The candidate should have a Bachelor in Mechanical Engineering, Electrical Engineering, or relevant technical discipline.

Experience :

- 5+ years of experience in the automotive, aerospace, or otherwise building complex hardware products.
- Experience setting up and using data acquisition systems to collect road load data, noise levels, temperature, and electrical data.
- Experience using CAN Tools and analyzing CAN data.

Skills & Qualifications:

- Working knowledge of MATLAB and/or DSPACE strongly preferred.
- Experience working with OEMs and/or Tier 1 companies preferred.
- Experience driving a wide range of vehicle types and ability to identify issues or potential areas of the vehicle that require improvements such as handling, electrical issues, ride comfort, and interior noise/vibration.

Are you looking for an opportunity to join a company that has a long history and an exciting future? A place where you can grow within an international organization? A role where you will contribute to increasing the innovation, safety and sustainability of the tires that drivers across EMEA rely on every day?

To find out more and to apply, visit our career portal and post your CV! https://jobs.goodyear.com/