



Senior Mechanical Test Engineer (f/m)

The Senior Mechanical Test Engineer (f/m) will possess a passion for quality improvement and be able to develop excellent test strategies to isolate quality related issues during both the product development and the mass production phases. The successful candidate will be experienced in testing consumer electronics products made of plastic, metal, optical, and electronic parts with embedded SW, which interact with APPs and cloud servers.

Position is located in Frankfurt am Main, Germany.

Responsibilities:

- Participate in international project teams to develop new products in the categories Smart and Connected Bikes
- Specify test plans and create test protocols to ensure products meet the expected quality requirements. Implement document management for all kinds of test files
- Execute material/component/module/system tests and analyse test results to support new product development projects to pass quality gates
- Manage a network of 3rd party laboratories around the world to assure that COBI products can be tested against industry standards and regulatory requirements in EU, US, China, etc.
- Analyse quality related customer complaints by testing returned products from the field and from the contract manufacturers
- Support competitive analysis by benchmark testing of equivalent products from competitors
- Proactively support internal and external HW development teams and contract manufacturers to fix the quality issues
- Specify and evaluate test methods and equipment for the simulation of various mechanical and environmental conditions
- Execute mechanical and environmental tests according to customer requirements and defined test plans
- Evaluate off-the-shelf and develop own test fixtures and instrument in partnership with suppliers

Qualifications

- Bachelor in an engineering discipline (mechatronic or mechanical engineering) or comparable technical degree
- Minimum 3 years of consumer product mechanical testing experience
- Proficiency in 2D/3D mechanical design software
- Familiar with professional HW and SW testing tools
- Proven track record of independently developing test strategies to fix quality issues

Desired Personal Strengths

- Analytic and systematic thinking
- Keen on finding root causes
- High learning capability
- Pragmatic, hands-on
- Accurate and quality focussed
- Disciplined cross functional team player
- Ability to work across multiple projects despite potential changing circumstances

Interested? Please find out more about us on www.cobi.bike and get in touch with Antje Heile (jobs@cobi.bike).