

TEST & VALIDATION ENGINEER (Mechanical/Electrical)

At enviolo we develop innovative stepless and automatic solutions for bikes and ebikes, making mobility not only safe but also simple and fun. We are an ingredient brand, meaning we sell directly to bike manufacturers (OEMs) and bike sharing program operators (push strategy). We also influence retailers indirectly through our online activities and retailer training programs.

enviolo is rapidly gaining market share in a high-growth industry. While smart growth and expansion are priorities of ours, so is making a difference in our corner of the world. We live by our values: Passionate, Loyal, Joyful and Authentic. We embrace our envisioned future (*enviolo equipped bikes on every street corner*) and focus on operational excellence, not stopping until we get it right.

Are you passionate about test and validation processes? Do you want to work with a group of driven and innovative engineers, while testing and validating enviolo products under rigorous internal standards? If you are an individual who loves technology, has experience working with Labview, and would love to help develop test plans, setup fixtures and execute test and life cycle plans, this job is for you!

This opportunity is a critical role in our global organization. The Test Engineer will report to the Head of Test and Validation, working alongside skilled engineers and engineer technicians on a daily basis. This individual will not only be key in maintaining our test and validation schedule, but this individual will also be the go to person for all test and validation software inquiries.

KEY RESPONSIBILITIES AND TASKS

- Test Stand Development: Mechanical and Electrical component selection based on performance and safety requirements
- Test Stand Maintenance: Troubleshoot and Repair mechanical, electrical or software related issues
- Test System Maintenance: Maintain backup of data and settings at all times.
- Track calibration schedule and provide input for test plan scheduling
- Assist engineers with failure analysis, hub teardown, inspection, troubleshooting, repair and reassembly
- Document new procedures and test stand specifications
- Data analysis and reporting on test results

WHAT ARE WE LOOKING FOR?

- This is **not** a QA software engineering role.
- BS degree or higher in Mechanical Engineering.
- 5+ years experience within test and/or validation engineering
- Advanced knowledge and experience with Labview
- Strong and experienced test stand hardware understanding (drives, motors/dynos, instrumentation)
- Strong data management experience (data collection, analysis, .tdms file management)

- Experience in drivetrain testing and validation
- Experience with assembly, maintenance, and troubleshooting of mechanical and electrical systems
- Computer and network experience a plus
- Basic knowledge of tools like mills, lathes etc.
- Experience working with spreadsheets (Google Sheets, Excel) required
- A team player looking to be part of a great team

WHAT DOES ENVILO OFFER?

- Competitive Salary
- Participation in company wide bonus plan
- 25 Days Paid Time Off
- 10 enviolo Paid Holidays
- Sabbatical Program
- Competitive employer sponsored health insurance plans
- Free Daily Snacks & Beverages

Please send your motivation letter and resume to careers@enviolo.com