# WE'RE HIRING TESTING AND VALIDATION ENGINEER

## ABOUT THE COMPANY

Naxatra Labs Pvt. Ltd. is a deep-tech hardware startup building high-efficiency motors and controllers for electric vehicles, power tools, drones, and agri-tech applications. Located in Ahmedabad, we specialize in both R&D and manufacturing of advanced drivetrain systems. We are a fast-growing team working on cutting-edge technology with real-world impact, aiming to reduce energy consumption, drive sustainability, and enable global hardware innovation from India.

## ROLE SUMMARY

The Testing & Validation Engineer will be responsible for developing and executing structured test plans for electric motors and related systems across EV and industrial applications. The role includes homologation support, failure analysis, field validation, and contributing to product improvement through data-driven testing.

**LOCATION:** Ahmedabad

## RESPONSIBILITIES

- Develop and execute structured Design Verification Plans (DVP) and validation protocols for motors and controllers.
- Conduct performance, endurance, thermal, vibration, and environmental testing of products.
- Support homologation and certification processes, including documentation preparation and coordination with certifying agencies.
- Analyze test data and identify failure patterns to drive design improvements.
- Perform detailed failure analysis (RCA) and implement corrective and preventive actions.
- Build structured test cases and reliability validation frameworks for new product development.
- Design and set up test rigs, fixtures, and instrumentation as required.
- Support pilot builds and new product development activities with structured validation inputs.
- Coordinate with Design, Electronics, Firmware, and Production teams to close testing feedback loops.

- Provide on-site customer technical support and troubleshooting when required.
- Conduct field testing and collect real-world performance data for continuous product improvement.
- Maintain detailed documentation of test results, validation reports, and compliance records.
- Contribute to FMEA, DOE, and reliability engineering initiatives.

## QUALIFICATION

Bachelor's degree in Mechanical / Electrical / Mechatronics Engineering.
2–5 years of experience in product testing, validation, or reliability engineering.

## EXPERIENCE

- Strong understanding of motor performance testing and validation methodologies.
- Experience in homologation and certification processes preferred.
- Analytical mindset with strong problem-solving skills.
- Willingness to travel for on-site testing and customer support when required.

DURATION: Full time

## COMPENSATION

- The three months will be considered as a probation period.
- After the successful completion of the probation period, the employee will be offered an annual CTC in the range of INR **6 LPA to 10 LPA.**

Join us in electrifying the future of transportation and energy!

### APPLY NOW

Send your CV and cover letter to careers@naxatralabs.com.
We look forward to hearing from you!
(Subject: <Name> Testing and Validation Job Application)

Naxatra Labs