



Initiativbewerbung - Test Engineer Electric Powertrain (m/f/x)

Workplace: 80331, Munich

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What to expect:

- Define and manage the **electric drives test** strategy, contributing to the overall test strategy of the electrical powertrain
- Plan, define, execute, post-process, and evaluate tests for **electric drives**, from single electric motors and inverters to integrated, full-scale multi-engine, battery-powered systems
- Define and implement test setups for electric engine validation and verification
- Specify and plan test equipment and facility interfaces
- Lead the mechanical, electrical, and thermal layout, implementation, and validation of test setups
- Oversee all electric drive test campaigns and serve as the main contact for external test and lab personnel
- Develop test plans, procedures, and reports, ensuring traceability of results to design requirements
- Collaborate with cross-functional teams on electric engine and system modeling, SiL, and HiL activities, identifying synergies to reduce risk, time, and cost
- Ensure compliance with safety regulations for personnel, equipment, installations, and

What you bring along:

- MSc or equivalent degree in electrical engineering, aerospace engineering, automotive engineering, or a related field; qualified electrician certification is a plus
- **5+ years of experience** in **electric motor** and/or **inverter testing, technology, design, production, or modeling**
- Strong background in electric drives, ideally with experience in **electric mobility**
- Excellent knowledge of Verification & Validation (V&V) processes, test management, measurement principles, and data acquisition
- Established network with **electric drive test labs**, cell manufacturers, and researchers is beneficial
- High motivation to establish and improve organizational structures and processes
- Self-reliant, with the ability to work both independently and collaboratively within a team
- Target-oriented and driven work style with strong analytical and problem-solving skills
- Fluent English is essential
- proficiency in German or other languages is an asset

environmental standards

As a development specialist with more than 14,000 employees at over 50 locations, we work on exciting projects on behalf of our customers worldwide.

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We look forward to receiving your application!

What we offer:



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Freedom to work independently



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Team-oriented work



Unlimited employment contract



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Contact:

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