

Engineer Electrical Design & Electrical Planning m/f/d

28.11.2025

TetraTec Instruments GmbH develops and manufactures automated measuring instruments and systems for leak testing and flow measurement of air and gaseous media.

We supply well-known customers—from the automotive industry and medical technology to aviation—with systems for quality testing and calibration.

In addition, we operate a DAkkS-accredited calibration laboratory for volume and mass flow of air and flowing gases as well as for pressure, temperature, humidity and electrical quantities, and we also perform on-site calibrations.

Your Responsibilities :

- Develop electrical designs for the complete product portfolio of our measuring systems and plants, as well as assemblies and components within development projects.
- Take responsibility for electrical design including documentation within projects.
- Coordinate with the departments for mechanical engineering, system development and commissioning, and ensure compliance with project specifications.
- Perform technical calculations for the electrical design of our products to ensure compliance with regulations and safety standards.
- Actively develop the electrical design ecosystem using EPLAN.
- Ensure integrity and congruence in the definition of products and assemblies in the ERP system and in EPLAN.
- Work with an ERP system to plan, organise and track production processes.
- Support departments with commissioning, service and repair projects as needed, including occasional on-site assignments with customers domestically and abroad.

What We Expect From You:

- Degree in electrical engineering or comparable qualification (technician); vocational training in electrical engineering is an advantage.
- Extensive experience in the design and specification of electrical systems and plants; experience in special machine construction is an advantage.
- Solid expertise in EPLAN and experience with ERP systems.

TetraTec[®]

Instruments



- Knowledge of production processes for electrical equipment.
- High quality standards and openness to new approaches combined with a hands-on mentality.
- Team player, resilient and flexible.
- Business-fluent German and English.
- Valid driving licence for cars.

What We Offer

Challenging and exciting tasks with attractive prospects in an internationally successful and dynamic company with more than 25 years of experience. Work in a company with flat hierarchies that involves you in decision-making and development processes from the start. Look forward to comprehensive training on our products and measuring systems. We provide a modern IT environment and digital communication options that, depending on the role, enable mobile working.

- Permanent employment contract
- Flexible working hours and a company health management program
- Good compatibility of family and career at a socially committed company
- Individual development opportunities

Interested?

TetraTec Instruments GmbH
Gewerbestraße 8
71144 Steinenbronn (near Stuttgart)

www.tetratec.de

We look forward to receiving your meaningful application stating the earliest possible starting date and your salary expectations, preferably by e-mail to: bewerbung2512@tetratec.de