



NEW ENERGY FOR YOUR CAREER!

We look forward to receiving your complete application documents, including your salary expectations and the next possible starting date.

Carbotech Gas Systems GmbH was founded from Bergbau-Forschung GmbH. That is why we can look back on more than 60 years of experience in developing, engineering, and manufacturing gas processing and gas generation plants. Carbotech Gas Systems GmbH is the specialist for industrial gas purification and gas production of various biogenic and technical gases.

With innovative technologies, we make an active contribution to CO2 neutral energy generation. The pressure swing absorption process (PSA) developed and patented by Carbotech is simple and convinces by its low energy consumption. Due to the continuous further development of the plants over the past three decades, the DWA is now one of the most efficient treatment processes on the market. Carbotech plants have been in operation worldwide for many years.

Tasks »»

- Development and suitability testing of system components in the fields of automation technology, supply technology, energy generation, as well as information and communication technology
- Creation of technical drawings, programming of electro-technical components, execution of tests, creation of measurement reports, analysis of errors, and development of solutions
- Collaboration in the development of technical procedures and processes, assemblies, and potentially digitally networked machines in electrical engineering
- Participation in the design and planning of assemblies, devices, and potentially networked system components in electrical engineering
- Application of simulation software and programming projects
- Calculation and design of switch cabinet components, control and protective devices for electric machines and systems
- Organization and monitoring of production, assembly, and commissioning of electrical systems
- Installation, maintenance, and repair of systems, plants, and devices
- Ensuring work preparation in manufacturing
- Monitoring of the production and assembly process, planning and implementation of measures for quality assurance.

Qualification and competences »»

- Successfully completed training as an energy systems electronics technician [all gender] (in the field of plant engineering) or a comparable qualification with several years of professional experience, ideally with further training as a technician or master craftsman
- Proficient and advanced knowledge of CAE systems (EPLAN P8)
- Knowledge of technical drawing to create sketches and drawings of circuit systems
- Switchgear systems: excellent knowledge of planning and design in explosion-protected areas
- Troubleshooting in switchgear systems
- TIA Portal: advanced knowledge
- Experience in independently commissioning systems
- Excellent understanding and safe handling of explosive atmospheres (DIN EN 60079)
- Excellent English skills

We offer »»

- Mobile Working | Homeoffice
- Flexible working hours | Flexitime
- Flat hierarchies
- Individual development opportunities
- Company pension scheme
- Accessibility
- Parking space
- Convenient connection
- Smartphone

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