



Founded in 1969 as SEG in Krefeld, Germany - grown under Woodward for more than 10 years - ConverterTec is a global specialist in electric power conversion. Since 1995, first variable-speed Concycle® generators and power conversion technology is being used in marine applications, Uninterruptible Power Supply as well as in upcoming wind and solar/PV applications.

As of today, we are looking to a legacy of more than 24,500 converter systems in on- and offshore applications, shipped to 47 different countries worldwide, representing more than 45GW of installed power.

With our branches in Kempen, Krakow and Sofia as well as other global service hubs, we support our customers worldwide.

## In Brzegi we are looking for a Senior Mechanical Engineer

### Your Tasks:

- Understanding of customer specifications and international mechanical standards
- Understanding of interactions between mechanical and electrical systems
- Preparing 3D models of power converters and industrial control panels
- Preparing 2D documentation for international suppliers and for manufacturing
- Carrying out mechanical, thermal & thermodynamic calculations to dimension devices according to the requirements
- Selection and/or development of connections and solutions ensuring IP degree and anticorrosion class
- Coordinate with purchasing throughout supplier selection and approval process
- Prepare Risk Assessment, Safety & CE Risk Assessment and DFMEA
- Maintenance of BOMs, release of drawings in PLM system, management of library components
- Performing other engineering support duties when required

### Your Profil:

- Bachelor's degree in mechanical engineering and minimum of 4 years related experience or equivalent combination of education and experience
- 3D modeling (Creo knowledge will be an advantage). Knowledge of FEM methods for mechanical design
- Confident use of standard MS Windows Office programs and strong knowledge of machines and tools
- Understanding of mechanical systems and their components (knowledge of cabinet modular system like Cubic or Rittal will be an advantage)
- Customer and Personal Service — Knowledge of principles and processes for providing customer and personal services. This includes customer specification assessment and technical clarification meetings
- Ability to effective communication in English. Ability to follow written or verbal instructions from technical leaders, management, and customers
- Experience in writing technical documentation, specifications and manuals
- Experience analyzing and interpreting customer specifications, electrical controls schematics, technical procedures, and governmental regulations
- Experience identifying issues and reviewing related information to develop and evaluate options and implement solutions
- You will be able to determine the type of tools and equipment needed for the job
- Skills in operational analysis of needs and product requirements to create a design

### What we offer:

- Work for the business creating the renewable energy technologies
- Opportunity to work in a dynamically developing organization operating in a constantly growing market
- Attractive work conditions within a worldwide group
- Permanent employment contract after probation period
- Private healthcare provided by Luxmed
- Mybenefit platform including Multisport access
- Life insurance
- The new office in a convenient location

### If you are interested in an offer, please contact us

ConverterTec Poland sp. z o. o.  
ul. Trakt Ojca św. Franciszka 1, 32-002 Brzegi / Poland

Contact person: TERSA Zielniok  
Mobil: +48 784 057 915  
E-mail: [hrpoland@convertertec.com](mailto:hrpoland@convertertec.com)