



# DECISIONMAKER

## Hardware Design Engineer Electronics

AT PIERBURG PUMP TECHNOLOGY ITALY SPA IN TORINO

### WHAT WE ARE LOOKING FOR

- Development of electronic circuits for mechatronic systems under consideration of corresponding product requirements
- Analysis of electronics-hardware requirements
- Creation of electronics-hardware architecture
- Development of electronics-hardware design: calculations, simulations, definition of electronic components and creation of schematic
- Creation Printed Circuit Board (PCB's) layouts in collaboration with PCB layout designers; compliant to EMC requirements
- Presentation/communication of development results to internal and external customers
- Execution of electronics-hardware testing

### WHAT QUALIFICATIONS YOU SHOULD HAVE

- Degree in electrical engineering or comparable
- Very good knowledge of electronics-hardware development (analog and digital) with power-electronic and microcontroller content
- Very good knowledge of circuit simulation (e.g. PSPICE) and circuit calculations
- Knowledge of Enterprise Architect, Subversion, Jira, PSPICE, Altium
- Experience in electronics-measurement engineering
- Preferably experience in electronics design for BLDC motor control
- Preferable knowledge of Automotive-Spice and ISO26262 standards

- Good spoken and written English
- Strong proficiency in all Microsoft Office tools
- Willing to occasionally travel for business
- Ability to quickly familiarize with different topics and teams
- Team Player with good communication

At Rheinmetall, your strengths and experience are worth something. We also highly value diversity and equal opportunity. We look forward to receiving your application.

### WHO WE ARE

The Sensors and Actuators division is synonymous with outstanding expertise in gas, thermal and fluid management applications in the mobility domain and industry. Its five business units – Actuators, Automotive Emission Systems, Commercial Diesel Systems, Pump Technology, and Solenoid Valves – develop solutions for major challenges facing the

### JOB INFORMATION

Ref. no.: **IT00015**

Working hours: **Full Time**

Contract type: **Permanent Position**

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### CONTACT INFORMATION

### ABOUT THE COMPANY

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### TOP EMPLOYER



automotive sector, including downsizing, reducing emissions and boosting efficiency, while simultaneously optimizing performance. The Pump Technology business unit combines top-notch system expertise with a wide spectrum of pumps for oil, vacuum and cooling systems destined for a full range of engine and cooling applications.

Rheinmetall AG, publicly listed and based in Düsseldorf, Germany, is a powerful, internationally successful corporation. As an integrated technology group, Rheinmetall is a market leader in the areas of environmentally friendly mobility and threat-appropriate security technology. Rheinmetall commands a foremost position as a global first-tier supplier to the automotive industry for modules and systems. Furthermore, Rheinmetall is Europe's foremost supplier of defence and security technology and a longstanding partner of the armed forces.



# PASSION FOR TECHNOLOGY. RHEINMETALL

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