6876 9481 Development and simulation engineer for injection and gas systems (m/f/d) One of our well-known customers in Augsburg, a company that develops large diesel engines and turbomachines, offers this interesting perspective in the context of temporary employment with the option of being taken on.  
This position is to be filled as part of temporary employment.  
  
Development and simulation engineer for injection and gas systems (m/f/d)  
  
Your tasks:  
 • Development of components and subsystems for fuel injection, the gas system and ignition for installation in climate-friendly engines  
 • Calculation, design and optimization of components of the injection and gas systems  
 • detailed simulation of the strength, stress and failure probability of injection systems, with a special focus on the impact of future fuels  
 • Coordination within development with combustion/fluid simulation/testing and validation  
 • Coordination with external departments such as purchasing, production and quality  
 • Coordination of subsystem integration in engine and fuel system development  
  
Your qualifications:  
 • Completed degree in mechanical engineering or comparable qualification  
 • very good knowledge in the development of high-precision mechanical and mechatronic systems for the injection of climate-friendly fuels in diesel and gas engines  
 • Good knowledge of FEM calculations and good knowledge of fluid and gas mechanics  
 • Extensive professional experience in the field of mechanical design with the support of 3D CAD, calculation and simulation  
 • In-depth knowledge of the design of high-precision mechanical and mechatronic systems  
 • Good understanding of engine thermodynamics and combustion  
 • Experience in the development of injection systems is an advantage, but not essential  
 • good communication and organizational skills  
  
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We welcome applications from people who contribute to the diversity of our company. Engineer - mechanical engineering None 2023-03-07 16:04:39.527000