

Mechanical Design Engineer (M/F)

La Rochelle (Lagord), France

Genevos: Decarbonising the maritime sector

A unique opportunity to innovate fuel cell solutions for the marine sector to eliminate pollution and increase efficiency.

Genevos is a global leader in electrochemical fuel conversion technologies for marine applications in order to reduce ship emissions and accelerate the transition to net zero in the maritime sector. Genevos produces innovative fuel cell power modules that convert alternative fuels such as hydrogen, LNG and methanol into electricity at high efficiency and eliminating pollution in the process.

Culture

If you are passionate about positive environmental change and looking to play a key role in a fast-growing startup, Genevos could offer you the adventure and fulfilment you are seeking.

Genevos is driven by a strong team of self-motivated individuals who take initiative in their work, are creative, and thrive on solving engineering challenges.

The role

Genevos is recruiting a Mechanical Design Engineer with strong experience in high temperature machine or engine design that will be an integral part of the product development team for engineering high temperature fuel cell modules for shipping power installations.

Reporting directly to the Engineering Lead, the position includes the following responsibilities:

- Detailed mechanical sub-system and part design in accordance with design specifications and marine industry standards, taking into account cost, assembly time and serviceability
- Structural calculations and validation of components and assemblies through design spreadsheets and FEA, where applicable.
- Generation of production drawings of components and subassemblies together defining manufacture process and materials
- Coordinating and developing relationships with key suppliers and leading the selection and procurement of critical parts and subsystems;
- Participate in the product industrialization process through design for high series manufacturing, cost engineering, process and materials choices.
- Prepare reports and documents related to tasks (e.g., design report, assembly plan, etc.);
- Develop a solid understanding of maritime design guidelines

Experience/Qualifications required

- At least 5 years of professional experience in mechanical design and systems engineering, ideally in the field of systems engineering;
- Strong skills and experience in the following engineering fields would be of benefit:
 - Mechanical design and simulation (structural & thermal)
 - Heat transfer and thermodynamics
 - High-temperature materials
 - Fuel cells;
 - Marine engineering.
- Education: Master's degree in mechanical engineering or equivalent;
- Proven ability to support projects from design to completion;
- Proficiency in 3D CAD modeling software (e.g. SolidWorks);

Required personal skills

- Independent and able to set priorities, manage time effectively, multitask, and adapt;
- Results-oriented approach and commitment to continuous improvement;
- Excellent interpersonal skills and a strong sense of ethics.

Additional information

- Work location: Lagord, Charentes-Maritimes, 15 minutes from La Rochelle by bike;
- Contract: Permanent and full-time (open-ended contract);
- Start date: As soon as possible

Contact

If you would like to apply for this position, please send your resume and cover letter to careers@genevos.com

Only qualified applications will be considered.

Applications will be kept confidential. Please refer to our privacy policy for more details.
www.genevos.com/privacy-policy/