

Electrical Engineer Shipbuilding

Are you an Electrical Engineer with experience in designing electrical systems for the shipbuilding industry? If you are looking for a broad technical job, focusing on new and sustainable technologies, keep on reading! Our client Future Proof Shipping B.V. in Rotterdam is looking for you!

Job description:

As Electrical Engineer you will work in a small multidisciplinary team, working on challenging sustainable shipping solutions. You will be responsible for the electrical part of the design.

Specific duties in this role include:

- Designing and calculating electrical designs for AC and DC distribution system, Alarm and Safety systems, automation, power management system and other systems onboard ships;
- Basic and detail engineering.
- Performing various calculations such as short circuit, capacity and redundancy response calculations;
- Determining purchase specifications;
- Designing with a focus on the use of material, size/weight and service accessibility;
- Familiarize yourself with the regulations of various classification societies;
- Support project management, production, and operation departments;
- Make proposals for technical improvements.
- Working together with, and challenging external electrical specialist companies/suppliers

Who we are looking for:

We are looking for an Electrical Engineer with at least 3 years of experience in a similar job position. Furthermore, you meet the following requirements:

- BSc Electrical Engineering with at least 3 years' experience in designing electrical systems for ships.
- Knowledge of electrical design software (ETAP, MATLAB, Etc)
- Affinity with LNG, CNG Installations onboard ships is nice to have.
- English in word and writing, Dutch would be an advantage.
- We prefer candidates living in the Netherlands but we consider EU citizens as well if you have the willingness to relocate to the Netherlands for the long term.

What we offer:

A very interesting job in a small dedicated team with an open, modern working environment and short communication lines. Possibilities to grow in responsibilities and personal development. Working with interesting High-tech products. A fun team that want to learn and grow.

Where you will work:

Future Proof Shipping (FPS) (www.futureproofshipping.com), offers zero-emissions shipping services to enable players across the value chain make the transition to zero-emissions. As a zero-emissions vessel owner, FPS aims to build and operate a fleet of 10 zero-emission inland and short-sea vessels over the next five years which they will offer for charter to logistics service providers and cargo owners. FPS also facilitates other shipowners and stakeholders in the maritime sector who are ready to make the shift to zero-emissions, through technical support as well as project development and management.

In 2022, FPS will retrofit its first inland vessel, FPS Maas, to sail on hydrogen fuel cells to transport container cargo between The Netherlands and Belgium. Although fuel cells and hydrogen have already been tested in the marine industry, FPS expects this to be the first to demonstrate such a system for main propulsion at this scale, and in commercial operations.

How to apply:

Are you the Electrical Engineer that we are looking for? If so, please get in contact with me. You can reach me by calling +31 (0)629578908 or sending me a WhatsApp (24/7). If you are sure that you are the person we are looking for, please send your CV and a short motivation letter to joost@upeople.nl or apply via the application button below. Your application will be treated confidentially.