

## FUNCTION DESCRIPTION – R&D Electrical Engineer

Join Daphne Technology to take an active part in our exciting journey to bring a disruptive exhaust gas cleaning system to the maritime market.

The philosophy of Daphne Technology is based on open communication between all people employed in the company. By joining this start-up, you will profit from a decentralized decision making structure that allows everyone to take on responsibility and see things from an entrepreneurial perspective.

### Responsibilities

- Responsible for development of all the electrical aspects of DT.
- Closely work together in a cross functional team to develop DT technology, making sure that DT has covered and acquired relevant technology expertise to deliver a well-functioning, and safe system
- Being involved in patent matters and/or patent application
- To work in an active and methodical way, securing that the design will fulfill the requirement specification regarding safety, Class requirements and quality and usability.
- Assist putting together detailed technical specification in the inquiry procedure during the prototype design and testing of components.
- Report to the R&D Manager.

### Requirements

- Bachelor's degree in electrical engineering
- Experience with power electronics, magnetics and power conversion design experience (H-Bridge, Boost converters, Resonant converters, etc.)
- Experience with high voltage systems and isolation
- In-depth knowledge of design, application, and fabrication/assembly of power supply circuits and components, circuit boards, wiring and wiring harnesses, and control elements.
- Hands-on troubleshooting digital and analog systems
- Strong problem analysis and solving skills
- Familiarity with the design and evaluation of analog and digital circuits



- Familiarity with MATLAB, Simulink, PSpice, LabVIEW
- Familiarity with computer programming languages, e.g. C, C#, LabWindows/CVI
- Knowledge of electronic test equipment and test techniques for digital and mixed technology products
- Proficiency in MS Office tools
- Self-motivated with a desire for personal growth
- Excellent interpersonal and communication skills
- Proficient in English both written and verbally

### Plus

- Master's degree in electrical engineering or related field
- Marine electrical systems, class requirements, electrical distribution, switchboards
- Experience in reviewing, understanding, and designing to compliance with complex specification requirements for commercial marine markets
- Communication skills in German, French and Swedish

To apply for this job, please send your application to [careers@daphnetechonology.com](mailto:careers@daphnetechonology.com)