

Automation & Control Engineer

Join Daphne Technology to be part of our exciting journey to bring pioneering exhaust gas cleaning systems to the market. Daphne leverages innovative technology to remove exhaust gas toxic pollutants and GHG emissions. Work with talented individuals and enjoy a decentralised decision-making structure that empowers everyone to take an active role in shaping the business. Daphne Technology is one of Europe's most innovative climate tech companies. We are now scaling up to drive global growth.

We are seeking a skilled **Automation & Control Engineer** to join our team. The successful candidate will be responsible for developing, designing, implementing, and optimizing automation and control systems. The role requires a strong understanding of automation and control and a good foundation in electrical and process engineering.

Your responsibilities:

- Integrate, design and test of automation solutions for process plants (in our case emission reduction systems.)
 - Define automation architectures and strategies to integrate different systems to ensure process stability.
 - Design and develop electrical control systems, and wiring schemes including component selection.
 - PLC and HMI programming
- Define process control and safety philosophies of a variety of process technologies.
 - Prepare function design specifications and functional descriptions.
 - Perform FMEA, HAZOP/HAZID and conclude on alarm and monitoring systems
- Supervise of Automation and Instrumentation related activities during commissioning
 - Lead deployment of plant control software and participate hands-on in commissioning, trouble shooting and testing with other engineers.
 - Prepare relevant commissioning documents and instructions.
 - Execute control software release testing in collaboration with A&C development.
- Collaborate with external engineering partners, suppliers and vendors to select equipment and materials that meet project requirements and manage procurement processes as needed.



Qualifications:

- MSc in Automation and Control and/or Electrical Engineering.
- 5+ year(s) of relevant industrial experience in design and implementation of rugged, large-scale automation and control systems.
- Knowledge about control system architecture.
- Knowledge of IEC 61131-3 languages.
- Familiar with industrial communication protocols (Modbus RTU/TCP, OPC UA, ...).
- Experience in preparing requirement specification of automation and control systems.
- Working knowledge and programming of PLCs and HMI.
- Ability to design electrical circuits for LV, MV, and DC applications ensuring compliance to common design standard.
- Skilled in using CAD tools for electrical cabinet design (Autocad, Electrical, EEplan, etc.)

What we also like to see

- Knowledge of FMEA, HAZOP would be an advantage.
- Project management and project execution experience.
- An enthusiastic & hands-on person motivated by building innovative solutions.
- Extremely well organized and structured whilst being highly flexible.
- Open-minded, collaborative, and solution oriented.
- Self-motivation and eagerness to learn and grow professionally.
- Passionate commitment to a sustainable future.
- Basic working proficiency in English.
- Willing to travel (EU and USA) (5% per year).

What we bring to the table:

- An inclusive and engaging work environment.
- An international, diverse and multidisciplinary team.
- A focus on soft skills like collaboration and teamwork.
- A focus on empowering our people and enabling them to lead and contribute to their fullest potential.
- A pioneering technology with enormous potential.

To apply for this job, please send your your application exclusively via email to:

careers@daphnetechonology.com

We thank you for your interest in this career opportunity!