

# Control Engineer

**Join a great company working with a strong sustainable footprint and maybe even just as strong values.**

At Nel, our vision is all about 'Empowering generations with clean energy forever'. Our technology allows people and businesses to make everyday use of hydrogen, the most abundant element in the universe.

We believe simplicity is key. This can be a real challenge when dealing with complex technologies, but we believe being a customer of Nel should be simple, with a complete solution that meets your requirements. We value technology that is easy to operate, has a long lifetime, low cost of ownership, and is hassle-free for the end user. Simplicity is the guiding star in our business and values.

## About the position

In this position you will be part of our global Corporate Technology team and work within the field of Fueling Technology. Your workplace is Herning, Denmark or Vienna, Austria albeit in a sound global context across functions in Corporate Technology and other functions globally. As our new dedicated and skilled Control Engineer you will work on technologies for our next generation fueling stations.

We expect you have in depth knowledge and experience from designing, developing, and implementing control solutions for fluid power actuated systems within wind, oil & gas or similar types of industry involving mechanical / process equipment with functional safety related systems. You will also take part in activities related to developing and testing of new fueling protocols together with our systems engineers and external partners / institutions. Work experience in hardware-in-loop testing using PLC and Micro controllers is expected. Your knowledge of safety & reliability in Industrial automation and Industrial Drive technologies will be put to good use here as well.

Also, as part of the knowledge you bring to the table, you are expected to participate in an ongoing development of new technology and research interacting closely with peers from your

department as well as cross functional. Preparing feasibility studies and generate innovative ideas for new research and define models to establish and support building the technology roadmap and future requirements.

From a mere scouting and external point of view, this role will develop further ideas and bring in new cooperation with universities to anchor and secure our expertise we always have state of the art competencies, world-class benchmark, and leading knowledge within your area of responsibility. Overall, we simply expect you to be part in of growing our competencies into a cross functional teamwork, which makes us stand out as an expert competence centre.

You bring experience from working with the bigger picture in both research and technology development meaning you effortlessly support building the technology roadmap and defining future requirements to the hydrogen industry.

## **We bring in whole colleagues, not limited to hardcore skills, so...**

As a person, you are openminded and able to interact with colleagues and other stakeholders being customers, partners and/or suppliers and demonstrate great patience and confidence.

You are result oriented but still hold a strong desire to break existing boundaries and explore new technologies. In other words, we aim not only to deliver on targets, but we do it with a lot of passion and dedication. It's quite okay to have fun and dedication in the way we work.

Wherever you may have worked previously, you should be known for being friendly, outgoing, team-oriented and possess the ability to work with people of various cultural and social backgrounds.

## **Qualifications**

Ideally you hold a master's degree in data science or mechanical engineering focused on data analysis. On top of this we imagine the ideal candidate bring:

- Strong problem-solving skills with an emphasis on product development.
- Experience with Beckhoff PLC platform and object-oriented software development in structured text
- Experience with developing and implementing control technology for fluid power systems
- Experience with developing and implementing safety critical software and solutions

- Knowledge of software standards for safety certification of Control Systems will be an added advantage
- Experience from an international company / working abroad will be an advantage.
- You are fluent in English, both in writing and verbal.

## Apply

To apply, please send your cover letter and resumé to [recruitment@nelhydrogen.com](mailto:recruitment@nelhydrogen.com). Feel free to also contact Senior Director Bo Rohde Jensen directly on +4520667034 or by [rohde@nelhydrogen.com](mailto:rohde@nelhydrogen.com) for further information.

Applications will be continuously monitored, and the right candidate hired when found. So, do not hesitate to apply.

## About Nel

*Nel is a global, dedicated hydrogen company, delivering optimal solutions to produce, store, and distribute hydrogen from renewable energy. We serve industries, energy, and gas companies with leading hydrogen technology. Our roots date back to 1927, and since then, we have had a proud history of development and continuous improvement of hydrogen technologies. Today, our solutions cover the entire value chain: from hydrogen production technologies to hydrogen Fueling stations, enabling industries to transition to green hydrogen, and providing fuel cell electric vehicles with the same fast Fueling and long range as fossil-fueled vehicles - without the emissions.*