



Work place:
Herning

Homepage:
<http://www.gml-hr.dk/>

Process Engineer

Join a great company working with a strong sustainable footprint and evenly strong values. At Nel Hydrogen, our mission is to strengthen future generations by providing unlimited green energy. Using hydrogen obtained with renewable energy, we are helping the world convert from fossil fuels to emission-free fuels. At our Danish division in Herning, we currently have more than 160 employees, and we expect continued growth in years to come.

Nel Hydrogen is a global pioneer in developing and producing hydrogen Fueling solutions - a market that is expected to continue growing in the coming years as the production of hydrogen-based cars, buses, and trucks are going to scale up.

The position, department and the team

In the Nel Hydrogen Development & Engineering (D&E) Department, in the Systems Team you will, as our Process Engineer be responsible for developing process design solutions on equipment ranging from simple to complex systems. You will work with design, flow, control, safety, test, and optimization of fueling stations performance. You will work closely with your colleagues in the System Engineering Team and the rest of the development department.

The Systems Engineering Team consists of two Electrical Engineers, one Process Engineer and one Mechanical Engineer. Some travel activity must be expected.

Your tasks and responsibilities

- Calculation of capacity, pressure, temperature, and flow.
- Developing new processes and methods.
- Design and develop piping and instrumentation diagrams (P&ID).
- Risk analysis and documentation.
- Drive and support FMEA.
- Testing and verification of compliance with requirements and specifications.
- Hazard location specification.
- Safety relief and pressure drop calculations in MathLab.

Your background and qualifications

We are searching for an experienced Process Engineer with technical insight into thermodynamics and fluid mechanics.

Qualifications:

- You have several years of experience in Process Engineering.
- Educated as minimum Bachelor within Fluid dynamics.
- Technical insight into thermodynamics and fluid mechanics involving flow, pressure, temperature, and cooling parameters.

Questions regarding the position



Lone Tørnes Andersen
Konsulent
+45 2279 2119

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- Experience in Process flow diagrams (PFD).
- Experience in Piping and instrumentation diagrams (P&ID).
- Being familiar with Safety studies such as FMEA, Hazop, Lopa is a plus.

You have to be fluent in English both verbal and in writing and have a good technical overview and understanding. Your ability to work well in a team environment and independently is also important in this job.

Your opportunities

You are offered an exciting job working within the rising Hydrogen Technology industry. Working together with other very skilled Engineers, you become a part of the D&E Department and a part from the Systems Engineering Team it consists of: The Hardware Team, the Software Team, the Product Support Team, Project Management, Principal Engineering, and the Test Department.

You should expect to work in an environment where change is part of your everyday life, and where you, with your experience and knowledge, will be able to greatly influence your own work. Nel Hydrogen is sited in Lind near Herning, in state-of-the-art facilities centrally positioned nearby the highway and we offer employees many benefits such as a fine Canteen, Pension scheme, and health insurance and massage scheme.

Application

If this position should be of interest to you, please apply by clicking the "Søg stillingen" button. CV and application in English.

Note! Interviews are held on an ongoing basis. All inquiries are treated confidentially. If you would like to know more about this opportunity and nel, please feel free to contact Recruitment Consultant Lone Tørnes Andersen at GML-HR +45 22 79 21 19, who is handling this recruitment on behalf of nel, or find more about nel – visit nel at <https://nelhydrogen.com/>

About Nel - Hydrogen

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.