

Structural Analysis / FEA Specialist

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 albeit in a sound global context across functions in Corporate Technology and other functions globally. The Corporate Technology Team today consists of both junior as well as very skilled/senior engineers and comes from several different nationalities.

As our new dedicated and skilled structural analysis specialist you will work on development of next generation components and systems for gas distribution and compressors. We expect you have a in depth knowledge about FEA, structural analysis, optimization and verification of high performing systems and components from a similar or related industry. The function is new and will take the lead on building up core competences within this field in our Technology Team.

Also, as part of the knowledge you bring into play, you participate in ongoing and new technology and research projects interacting closely with peers from your department and cross functional. In this, you run 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 further develop and even bring in new cooperation with universities to anchor and secure 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 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 make the ends meet, this is indeed where magic happens and we bring even more value to the world.

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, we are sure you are 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 (maybe also a PhD) in mechanical engineering or similar. On top of this we imagine the ideal candidate bring:

- Several years of experience from technology driven company working as a subsystem and system integrator
- Extensive experience with building complex FE models and running nonlinear analysis
- Experience with analysis of thin membrane structures
- Experience with analysis with Fluid Structure Interaction
- Experience with using ANSYS
- 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. Feel free to also contact Senior Director Bo Rohde Jensen directly on +4520667034 or by 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.